PROJECT REPORT

Of

FRUIT VINEGAR

PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding **Fruit Vinegar**.

The objective of the pre-feasibility report is primarily to facilitate potential entrepreneurs in project identification for investment and in order to serve his objective; the document covers various aspects of the project concept development, start-up, marketing, finance and management.

[We can modify the project capacity and project cost as per your requirement. We can also prepare project report on any subject as per your requirement.]



Lucknow Office: Sidhivinayak Building, 27/1/B, Gokhlley Marg, Lucknow-226001

<u>Delhi Office</u> : Multi Disciplinary Training Centre, Gandhi Darshan Rajghat, New Delhi 110002

Email : info@udyami.org.in Contact : +91 7526000333, 444, 555

| | PROJECT AT A GLANCE | | | | | | | |
|-----|---|---|--|--------------------------|-------------------|--|--|--|
| 1 | Name of the Entreprenuer | | xxxxxxxxx | | | | | |
| 2 | Constitution (legal Status) | : | xxxxxxxxx | | | | | |
| 3 | Father / Spouse Name | | xxxxxxxxxx | | | | | |
| 4 | Unit Address | | **** | | | | | |
| | | | | | | | | |
| | | | District : Pin: | xxxxxxx xxxxxxx | State: xxxxxxxxxx | | | |
| | | | Mobile | xxxxxxx | | | | |
| 5 | Product and By Product | : | Fruit Vinegar | | | | | |
| 6 | Name of the project / business activity proposed : | | Fruit Vinegar Manufactu | ring Unit | | | | |
| 7 | Cost of Project | : | Rs.15.55 Lakhs | | | | | |
| 8 | Means of Finance Term Loan Own Capital Working Capital Dath Occurrent Patie | | Rs.11 Lakhs Rs.1.56 Lakhs Rs.3 Lakhs | | | | | |
| 9 | Debt Service Coverage Ratio | : | 2.92 | | | | | |
| 10 | Pay Back Period | : | 5 | Years | | | | |
| 11 | Project Implementation Period | : | 5-6 | Months | | | | |
| 12 | Break Even Point | : | 45% | | | | | |
| 13 | Employment | : | 11 | Persons | | | | |
| 14 | Power Requirement | : | 30 | HP | | | | |
| 15 | Major Raw materials | : | ninconnio onnio grano o | ranga hanana Alaahal | A potopo eto | | | |
| 16 | Estimated Annual Sales Turnover (Max Utilized Capacity) | | pineapple, apple, grape, o | - | Acelose elc | | | |
| . – | , | : | 80.79 | Lakhs | | | | |
| 17 | Detailed Cost of Project & Means of Finance | | | | | | | |
| | | | | | | | | |
| | COST OF PROJECT | | Particulars | (Rs. In Lakhs) Amount | l | | | |
| | | | Land | Own/Rented | | | | |
| | | | Building /Shed 1500 Sq ft Plant & Machinery | Own/Rented | | | | |
| | | | Furniture & Fixtures | <u> </u> | | | | |
| | | | Working Capital | 3.33 | | | | |
| | | | Total | 15.55 | l | | | |
| | MEANS OF FINANCE | | | | | | | |
| | | | Particulars | Amount | | | | |
| | | | Own Contribution Term Loan | 1.56 11.00 | | | | |
| | | | Working Capital | 3.00 | | | | |
| | | | Total | 15.55 | | | | |
| | | | L | L | I | | | |
| | | | | | | | | |

Project Report on Fruit Vinegar



Product and its Applications

Vinegar is a natural product derived from alcoholic and acetous fermentation of a suitable medium such as fruits, malt, molasses, sugarcane juice etc. Vinegar is known to have various applications in homes, restaurants and in the food industries. It is used in pickle, chutney, tomato ketchup, sauces and various other condiment preparations. Vinegar aids digestion and improves the quality of cooked meat and fish. Vinegar should contain at least 3.75 g of acetic acid per 100 mL and also contain at least 1.5% w/v of total solids and 0.18% total ash.

Market Potential

Vinegar is largely produced in the cottage scale or in traditional sectors. Presently synthetic vinegar is also being produced. Natural fruit vinegar is nutritive, appealing and has a huge market demand.

Basis and Presumption

- The unit proposes to work at least 300 days per annum on single shift basis.
- The wages for skilled workers is taken as per prevailing rates in this type of industry.
- Interest rate for total capital investment is calculated @ 11% per annum.
- The entrepreneur is expected to raise 10% of the capital as margin money.
- The unit proposes to construct own building as per FSSAI. specifications.
- Costs of machinery and equipment are based on average prices enquired from machinery manufacturers.

Implementation schedule

Project implementation will take a period of 6-8 months. Break-up of the activities and relative time for each activity is shown below:

| Scheme preparation and | 01 month |
|--------------------------------|------------|
| approval | |
| License and registrations | 1-2 months |
| Sanction of financial supports | 2-5 months |
| etc | |
| Installation of machinery and | 6-8 months |
| power connection | |
| Trial run and production | 01 month |

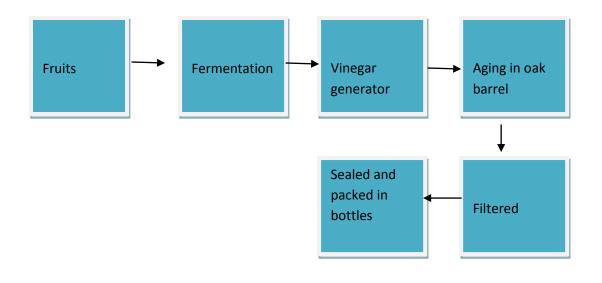
Technical aspects

Location

The plant can be located at any suitable place keeping in view the marketing convenience, availability of raw material, power, water and skilled manpower.

Process of Manufacture

Fruit vinegar is made from fruits e.g. pineapple, apple, grape, orange, banana, peach, apricot as well as sugarcane juice, coconut water, malt, molasses. The juice/ aqueous extract is fermented with Saccharomyces cerevisiae yeast after adjusting sugar concentration. The fermented alcoholic liquor is passed through vinegar generator for acetic acid fermentation using acetobactor culture. It takes nearly 15 days for completion of fermentation process. Vinegar contains about 4% acetic acid. The brewed vinegar is aged in plain oak barrels for at least 6 months to improve the flavour and bouquet. The final product is filtered, packed in bottles and sealed.



| PROJECTED BALANCE SHEET | | | | | | | |
|---|--|---|---|---|---|--|--|
| PARTICULARS | 1 | II | III | IV | v | | |
| SOURCES OF FUND | | | | | | | |
| Capital Account | | | | | | | |
| Opening Balance | - | 1.70 | 4.61 | 7.13 | 8.41 | | |
| Add: Additions Add: Net Profit | 1.56 2.14 | - 4.41 | - | - 8.28 | - | | |
| Less: Drawings | 2.14 | 4.41 1.50 | 6.52 4.00 | 8.28 7.00 | 10.87 10.00 | | |
| Closing Balance | 1.70 | 4.61 | 7.13 | 8.41 | 9.28 | | |
| CC Limit | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | | |
| Term Loan | 9.78 | 7.33 | 4.89 | 2.44 | - | | |
| Sundry Creditors | 0.37 | 0.43 | 0.48 | 0.54 | 0.61 | | |
| TOTAL : | 14.84 | 15.36 | 15.50 | 14.39 | 12.88 | | |
| APPLICATION OF FUND Fixed Assets (Gross) Gross Dep. Net Fixed Assets Current Assets Sundry Debtors Stock in Hand Cash and Bank | 12.22 1.77 10.45 1.62 2.18 0.60 | 12.22 3.28 8.94 1.89 2.33 2.20 | 12.22 4.58 7.64 2.14 2.53 3.18 | 12.22 5.68 6.54 2.35 3.88 1.62 | 12.22 6.62 5.60 2.69 4.11 0.48 | | |
| TOTAL : | 14.84 | 15.36 | 15.50 | 14.39 | 12.88 | | |
| | - | - | - | - | - | | |

| PROJECTED PRO | FITABILITY STATEMENT |
|---------------|----------------------|
| | |

| 48.46 | 56.70 | 64.12 | 70.53 | 80.79 |
|--------|---|---|---|---|
| 48.46 | 56.70 | 64.12 | 70.53 | 80.79 |
| | | | | |
| 22.43 | 25.51 | 28.84 | 32.45 | 36.34 |
| 2.96 | 3.20 | 3.45 | 3.69 | 3.94 |
| 0.24 | 0.28 | 0.32 | 0.35 | 0.40 |
| 10.76 | 11.83 | | 14.32 | 15.75 |
| | | | | 0.94 |
| 38.15 | 42.34 | 46.92 | 51.92 | 57.38 |
| _ | 1.06 | 1.06 | 1 00 | 2.26 |
| 1.06 | | | | 2.20 |
| 1.00 | 1.00 | 1.00 | 2.20 | 2.00 |
| 37.09 | 42.34 | 46.89 | 50.75 | 57.34 |
| 11.37 | 14.36 | 17.23 | 19.78 | 23.45 |
| 23.46% | 25.32% | 26.87% | 28.04% | 29.02% |
| 1.19 | 0.97 | 0.71 | 0.44 | 0.17 |
| 0.33 | 0.33 | 0.33 | 0.33 | 0.33 |
| 5.28 | 5.81 | 6.39 | 7.03 | 7.73 |
| 2.42 | 2.84 | 3.21 | 3.53 | 4.04 |
| 9.23 | 9.95 | 10.63 | 11.32 | 12.27 |
| | | | | |
| | | | | 11.18 |
| | | | | 13.8% |
| - | - | 0.08 | 0.17 | 0.31 |
| 2.14 | 4.41 | 6.52 | 8.28 | 10.87 |
| | | | | |
| | 22.43 2.96 0.24 10.76 1.77 38.15 - 1.06 37.09 11.37 23.46% 1.19 0.33 5.28 2.42 9.23 2.14 4.4% | 22.43 25.51 2.96 3.20 0.24 0.28 10.76 11.83 1.77 1.51 38.15 42.34 - 1.06 1.06 1.06 37.09 42.34 11.37 14.36 23.46% 25.32% 1.19 0.97 0.33 0.33 5.28 5.81 2.42 2.84 9.23 9.95 2.14 4.41 4.4% 7.8% | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |

| PROJECTED CASH FLOW STATEMENT | | | | | | | |
|--|---|--|--------------------------------------|---|--|--|--|
| PARTICULARS | I | II | 111 | IV | v | | |
| SOURCES OF FUND | | | | | | | |
| Own Contribution Net Profit Depreciation & Exp. W/off Increase In Cash Credit Increase In Term Loan Increase in Creditors | 1.56 2.14 1.77 3.00 11.00 0.37 | - 4.41 1.51 - 0.05 | 6.60 1.29 - 0.06 | 8.46 1.10 - 0.06 | 11.18 0.94 - 0.06 | | |
| TOTAL : APPLICATION OF FUND | 19.84 | 5.98 | 7.95 | 9.62 | 12.18 | | |
| Increase in Fixed Assets Increase in Stock Increase in Debtors Repayment of Term Loan Taxation Drawings | 12.22 2.18 1.62 1.22 - 2.00 | - 0.15 0.27 2.44 - 1.50 | 0.20 0.25 2.44 0.08 4.00 | - 1.35 0.21 2.44 0.17 7.00 | - 0.23 0.34 2.44 0.31 10.00 | | |
| TOTAL : | 19.24 | 4.37 | 6.97 | 11.18 | 13.33 | | |
| Opening Cash & Bank Balance | - | 0.60 | 2.20 | 3.18 | 1.62 | | |
| Add : Surplus/(Deficit) | 0.60 | 1.60 | 0.98 | - 1.56 | - 1.14 | | |
| Closing Cash & Bank Balance | 0.60 | 2.20 | 3.18 | 1.62 | 0.48 | | |
| | | | | | | | |

COMPUTATION OF FRUIT VINEGAR MANUFACTURING UNIT

Items to be Manufactured Fruit Vinegar

| | | | | 1 | |
|--|---|---|--|--------------------------------------|---|
| Manufacturing Capacity per Day | | 0.20 | MT | | |
| No. of Working Hour | | 0.20 | | | |
| | | 0 | | | |
| No of Working Days per month | | 25 | | | |
| No. of Working Day per annum | | 300 | | | |
| Total Production per Annum | | 60 | MT | | |
| | | | - | | |
| Year | | Capacity Utilisation | Fruit Vinegar | | |
| 1 | | 60% | 36 | | |
| | | 65% | 39 | | |
| III | | 70% | 42 | | |
| IV | | 75% | 45 | | |
| V | | 80% | 48 | | |
| COMPUTATION OF RAW MATER | | | | | |
| Item Name | | Quantity of Raw Material | Unit | Unit Rate of | Total CostPer Annum (100%) |
| Item Name Fruits | | | Unit MT | Unit Rate of 20,000.00 | Annum (100%) |
| Item Name Fruits Glass bottles & caps | | Raw Material 140.00 85,000 | | 20,000.00 | Annum (100%) 2,800,000.00 510,000.00 |
| Item Name Fruits Glass bottles & caps Labels | | Raw Material 140.00 | MT | 20,000.00 | Annum (100%) 2,800,000.00 510,000.00 127,500.00 |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture | | Raw Material 140.00 85,000 | MT Nos | 20,000.00 | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 |
| Item Name Fruits Glass bottles & caps Labels | | Raw Material 140.00 85,000 85,000 | MT Nos | 20,000.00 | |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture | | Raw Material 140.00 85,000 85,000 I.s | MT Nos | 20,000.00 | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture Lab consumables, misc. | at 100% Capacit | Raw Material 140.00 85,000 85,000 I.s I.s 85,140.00 | MT Nos | 20,000.00 | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 150,000.00 |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture Lab consumables, misc. Total Total Total Raw material in Rs lacs Cost per MT | at 100% Capacit | Raw Material 140.00 85,000 85,000 I.s I.s 85,140.00 | MT Nos kgs | 20,000.00 | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 150,000.00 3,737,500.00 |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture Lab consumables, misc. Total Total | | Raw Material 140.00 85,000 85,000 I.s I.s 85,140.00 | MT Nos kgs | 20,000.00 6.00 1.50 | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 150,000.00 3,737,500.00 37.38 |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture Lab consumables, misc. Total Total Total Raw material in Rs lacs Cost per MT | at 100% Capacit Capacity Utilisation | Raw Material 140.00 85,000 85,000 I.s I.s 85,140.00 ty | MT Nos kgs Amount (Rs.) | 20,000.00 6.00 1.50 (In Rs) | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 3,737,500.00 37.38 |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture Lab consumables, misc. Total Total Total Raw material in Rs lacs Cost per MT Raw Material Consumed | at 100% Capacity Utilisation | Raw Material 140.00 85,000 85,000 I.s I.s 85,140.00 ty Rate 62,291.70 | MT Nos kgs Amount (Rs.) | 20,000.00 6.00 1.50 (In Rs) | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 3,737,500.00 37.38 |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture Lab consumables, misc. Total Total Total Raw material in Rs lacs Cost per MT Raw Material Consumed I II | at 100% Capacity Utilisation 60% 65% | Raw Material 140.00 85,000 85,000 1.s 1.s 85,140.00 ty Rate 62,291.70 65,406.30 | MT Nos kgs Amount (Rs.) 22.43 25.51 | 20,000.00 6.00 1.50 (In Rs) | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 3,737,500.00 37.38 |
| Item Name Fruits Glass bottles & caps Labels Chemicals, cobs, sugar, culture Lab consumables, misc. Total Total Total Raw material in Rs lacs Cost per MT Raw Material Consumed | at 100% Capacity Utilisation | Raw Material 140.00 85,000 85,000 I.s I.s 85,140.00 ty Rate 62,291.70 | MT Nos kgs Amount (Rs.) | 20,000.00 6.00 1.50 (In Rs) | Annum (100%) 2,800,000.00 510,000.00 127,500.00 150,000.00 150,000.00 3,737,500.00 37.38 |

| COMPUTATION OF CLOSING STOCK & WORKING CAPITAL | | | | | | | | |
|--|------|------|------|------|------|--|--|--|
| PARTICULARS | 1 | II | 111 | IV | v | | | |
| Finished Goods (10 Days requirement) | 1.06 | 1.06 | 1.09 | 2.26 | 2.30 | | | |
| Raw Material | 1.12 | 1.28 | 1.44 | 1.62 | 1.82 | | | |
| (15 Days requirement) | 1.12 | 1.20 | 1.44 | 1.02 | 1.82 | | | |
| Closing Stock | 2.18 | 2.33 | 2.53 | 3.88 | 4.11 | | | |

COMPUTATION OF WORKING CAPITAL REQUIREMENT

| Particulars | Amount | Margin(10%) | Net |
|----------------------|---------|-------------|--------|
| | | | Amount |
| Stock in Hand | 2.18 | | |
| Less: | | | |
| Sundry Creditors | 0.37 | | |
| Paid Stock | 1.81 | 0.18 | 1.63 |
| | | | |
| Sundry Debtors | 1.62 | 0.16 | 1.45 |
| Working Capital Requ | irement | | 3.08 |
| nonaig oapital noqu | | | 0.00 |
| Margin | | | 0.34 |
| | | | |
| MPBF | | | 3.08 |
| Working Capital Dema | Ind | | 3.00 |

BREAK UP OF LABOUR

| Particulars | Wages | No of | Total |
|---|-----------|-----------|-----------|
| | Per Month | Employees | Salary |
| Supervisor | 20,000.00 | 1 | 20,000.00 |
| Plant Operator | 15,000.00 | 1 | 15,000.00 |
| Unskilled Worker | 8,500.00 | 4 | 34,000.00 |
| Helper | 5,000.00 | 1 | 5,000.00 |
| Security Guard | 7,500.00 | 1 | 7,500.00 |
| | | | 81,500.00 |
| Add: 10% Fringe Benefit | | | 8,150.00 |
| Total Labour Cost Per Month | | | 89,650.00 |
| Total Labour Cost for the year (In Rs. Lakhs) | | 8 | 10.76 |

BREAK UP OF SALARY

| | 0.1 | | - |
|--|-----------|-----------|-----------|
| Particulars | Salary | No of | Total |
| | Per Month | Employees | Salary |
| | | | |
| Accountant cum store keeper | 15,000.00 | 1 | 15,000.00 |
| Administrative Staffs | 12,500.00 | 2 | 25,000.00 |
| | | | |
| Total Salary Per Month | | | 40,000.00 |
| | | | |
| Add: 10% Fringe Benefit | | | 4,000.00 |
| Total Salary for the month | | | 44,000.00 |
| | | | |
| Total Salary for the year (In Rs. Lakhs) | | 3 | 5.28 |

COMPUTATION OF DEPRECIATION

| Description | Land | Building/shed | Plant & Machinery | Furniture | TOTAL |
|--|------|---------------|----------------------|-----------|----------------------|
| Rate of Depreciation | | | 15.00% | 10.00% | |
| Opening Balance | Ov | vn/Rented | - | - | - |
| Addition | - | | 11.00 | 1.22 | 12.22 |
| | - | | 11.00 | 1.22 | 12.22 |
| TOTAL | | | 11.00 | 1.22 | 12.22 |
| - | | - | 1.65 | 0.12 | 12.22 |
| Less : Depreciation | - | - | | | |
| WDV at end of Ist year | - | - | 9.35 | 1.10 | 10.45 |
| Additions During The Year | - | - | - | - 1.10 | - |
| Loop - Depressistion | - | - | 9.35 1.40 | 0.11 | <u>10.45</u> 1.51 |
| Less : Depreciation | - | - | - | - | |
| WDV at end of IInd Year | - | - | 7.95 | 0.99 | 8.94 |
| Additions During The Year | - | - | - | - | - |
| Lass Demosistics | - | - | 7.95 | 0.99 | 8.94 |
| Less : Depreciation | - | - | 1.19 | 0.10 | 1.29 |
| WDV at end of IIIrd year | - | - | 6.76 | 0.89 | 7.64 |
| Additions During The Year | - | - | - | - | - |
| | - | - | 6.76 | 0.89 | 7.64 |
| Less : Depreciation | - | - | 1.01 | 0.09 | 1.10 |
| WDV at end of IV year Additions During The Year | - | - | 5.74 | 0.80 | 6.54 |
| Additions During the real | | - | 5.74 | 0.80 | 6.54 |
| Less : Depreciation | | - | 0.86 | 0.80 | 0.94 |
| WDV at end of Vth year | | | 4.88 | 0.08 | 5.60 |

| Particulars | Amount | Addition | Total | Interest | Repayment | CI Balance |
|-----------------|---|---|---|--|--|--|
| | | | | | | 01 2 4.4.1.00 |
| | | | | | | |
| Opening Balance | | | | | | |
| Ist Quarter | - | 11.00 | 11.00 | 0.30 | - | 11.00 |
| lind Quarter | 11.00 | - | 11.00 | 0.30 | - | 11.00 |
| IIIrd Quarter | 11.00 | - | 11.00 | 0.30 | 0.61 | 10.39 |
| Ivth Quarter | 10.39 | - | 10.39 | 0.29 | 0.61 | 9.78 |
| | | | | 1.19 | 1.22 | |
| Opening Balance | | | | - | | |
| | 9.78 | - | 9.78 | 0.27 | 0.61 | 9.17 |
| | | - | | | | 8.55 |
| IIIrd Quarter | 8.55 | - | 8.55 | 0.24 | 0.61 | 7.94 |
| lvth Quarter | | | 7.94 | | | 7.33 |
| | | | | 0.97 | 2.44 | |
| Opening Balance | | | | | | |
| Ist Quarter | 7.33 | - | 7.33 | 0.20 | 0.61 | 6.72 |
| | | - | | | | 6.11 |
| | | - | | | | 5.50 |
| | | | 5.50 | | | 4.89 |
| | | | | | | |
| Opening Balance | | | | - | | |
| Ist Quarter | 4.89 | - | 4.89 | 0.13 | 0.61 | 4.28 |
| lind Quarter | | - | 4.28 | 0.12 | 0.61 | 3.67 |
| IIIrd Quarter | 3.67 | - | 3.67 | 0.10 | 0.61 | 3.06 |
| | | | | | | |
| Ivth Quarter | 3.06 | | 3.06 | 0.08 | 0.61 | 2.44 |
| | | | | 0.44 | 2.44 | |
| Opening Balance | | | | | | |
| Ist Quarter | 2.44 | - | 2.44 | 0.07 | 0.61 | 1.83 |
| lind Quarter | 1.83 | - | 1.83 | 0.05 | 0.61 | 1.22 |
| IIIrd Quarter | 1.22 | - | 1.22 | 0.03 | 0.61 | 0.61 |
| Ivth Quarter | 0.61 | | 0.61 | 0.02 | 0.61 | - 0.00 |
| | | | | 0.17 | 2.44 | |
| | Ist Quarter Iind Quarter IIIrd Quarter IVth Quarter IVth Quarter Opening Balance Ist Quarter IIIrd Quarter IVth Quarter IIIrd Quarter | Ist Quarter - Iind Quarter 11.00 Illrd Quarter 11.00 Ivth Quarter 10.39 Opening Balance Ist Quarter 9.78 Iind Quarter 9.78 Iind Quarter 8.55 Ivth Quarter 7.94 Opening Balance Ist Quarter 6.72 Illrd Quarter 6.72 Illrd Quarter 6.71 Ivth Quarter 5.50 Opening Balance Ist Quarter 4.89 Iind Quarter 3.67 Ivth Quarter 3.67 Ivth Quarter 2.44 Iind Quarter 1.83 Illrd Quarter 1.83 Illrd Quarter 1.22 | Ist Quarter - 11.00 lind Quarter 11.00 - IIIrd Quarter 11.00 - lvth Quarter 10.39 - Opening Balance Ist Quarter 9.78 - lind Quarter 9.78 - IIIrd Quarter 8.55 - lvth Quarter 7.94 Opening Balance Ist Quarter 6.72 - IIIrd Quarter 6.72 - IIIrd Quarter 6.11 - Ivth Quarter 5.50 Opening Balance Ist Quarter 4.89 - Ist Quarter 4.89 - Ist Quarter 3.67 - IIIrd Quarter 3.67 - IIIrd Quarter 3.06 Opening Balance Ist Quarter 1.83 - IIIrd Quarter 1.83 - IIIrd Quarter 1.83 - IIIrd Quarter 1.22 - | Ist Quarter - 11.00 11.00 lind Quarter 11.00 - 11.00 Illrd Quarter 11.00 - 11.00 Illrd Quarter 10.39 - 10.39 Opening Balance - 9.78 - 9.78 Ist Quarter 9.17 - 9.17 Illrd Quarter 8.55 - 8.55 Ivth Quarter 7.94 7.94 Opening Balance - - Ist Quarter 7.33 - 7.33 Ind Quarter 6.72 - 6.72 Illrd Quarter 6.11 - 6.11 Ivth Quarter 5.50 5.50 5.50 Opening Balance - - - Ist Quarter 4.89 - 4.89 Illrd Quarter 3.67 - 3.67 Illrd Quarter 3.06 3.06 - Opening Balance - - - Ist Quarter 3.06 3.06 - Opening Balance - - </td <td>Ist Quarter - 11.00 11.00 0.30 lind Quarter 11.00 - 11.00 0.30 Illrd Quarter 11.00 - 11.00 0.30 Ivth Quarter 10.39 - 10.39 0.29 Integration of the second state of the</td> <td>Ist Quarter - 11.00 11.00 0.30 - lind Quarter 11.00 - 11.00 0.30 - Illrd Quarter 11.00 - 11.00 0.30 0.61 Ivth Quarter 10.39 - 10.39 0.29 0.61 Opening Balance Ist Quarter 9.78 - 9.78 0.27 0.61 Integration of the second second</td> | Ist Quarter - 11.00 11.00 0.30 lind Quarter 11.00 - 11.00 0.30 Illrd Quarter 11.00 - 11.00 0.30 Ivth Quarter 10.39 - 10.39 0.29 Integration of the second state of the | Ist Quarter - 11.00 11.00 0.30 - lind Quarter 11.00 - 11.00 0.30 - Illrd Quarter 11.00 - 11.00 0.30 0.61 Ivth Quarter 10.39 - 10.39 0.29 0.61 Opening Balance Ist Quarter 9.78 - 9.78 0.27 0.61 Integration of the second |

| PARTICULARS | I | II | III | IV | V |
|-----------------------------|------|------|------|------|-------|
| | | | | | |
| | | | | | |
| CASH ACCRUALS | 3.91 | 5.92 | 7.81 | 9.39 | 11.81 |
| Interest on Term Loan | 1.19 | 0.97 | 0.71 | 0.44 | 0.17 |
| | | | | | |
| Total | 5.11 | 6.90 | 8.52 | 9.82 | 11.98 |
| REPAYMENT | | | | | |
| Repayment of Term Loan | 1.22 | 2.44 | 2.44 | 2.44 | 2.44 |
| Interest on Term Loan | 1.19 | 0.97 | 0.71 | 0.44 | 0.17 |
| Total | 2.41 | 3.42 | 3.15 | 2.88 | 2.61 |
| DEBT SERVICE COVERAGE RATIO | 2.12 | 2.02 | 2.70 | 3.41 | 4.59 |
| AVERAGE D.S.C.R. | | | 2.92 | | |

COMPUTATION OF SALE

| Particulars | I | II | III | IV | V |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|
| | | | | | |
| Op Stock | - | 1.00 | 1.00 | 1.00 | 2.00 |
| Production | 36.00 | 39.00 | 42.00 | 45.00 | 48.00 |
| | 36.00 | 40.00 | 43.00 | 46.00 | 50.00 |
| Less : Closing Stock(10 Days) | 1.00 | 1.00 | 1.00 | 2.00 | 2.00 |
| Net Sale MT | 35.00 | 39.00 | 42.00 | 44.00 | 48.00 |
| Fruit Vinegar (650 ml bottles) | 53,846.00 | 60,000.00 | 64,615.00 | 67,692.00 | 73,846.00 |
| Sale Price per Bottle | 90.00 | 94.50 | 99.23 | 104.19 | 109.40 |
| Sale (in Lacs) | 48.46 | 56.70 | 64.12 | 70.53 | 80.79 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| COMPUTATION OF ELECTRICITY | (| | |
|------------------------------------|----------|--------|-----------------|
| (A) POWER CONNECTION | | | |
| | | | |
| Total Working Hour per day | Hours | 8 | |
| Electric Load Required | HP | 30 | |
| Load Factor | | 0.7460 | |
| Electricity Charges | per unit | 7.50 | |
| Total Working Days | | 300 | |
| Electricity Charges | | | 4.03 |
| Add : Minimim Charges (@ 10%) | | | |
| | | | |
| (B) DG set | | | |
| No. of Working Days | | 300 | days |
| No of Working Hours | | 0.5 | Hour per day |
| Total no of Hour | | 150 | |
| Diesel Consumption per Hour | | 8 | |
| Total Consumption of Diesel | | 1,200 | |
| Cost of Diesel | | 65.00 | Rs. /Ltr |
| Total cost of Diesel | | 0.78 | |
| Add : Lube Cost @15% | | 0.12 | |
| Total | | 0.90 | |
| Total cost of Power & Fuel at 100% | , | | 4.93 |
| | | | |
| Year | Capacity | | Amount |
| | | | (in Lacs) |
| I | 60% | | 2.96 |
| | 65% | | 3.20 |
| III | 70% | | 3.45 |
| IV | 75% | | 3.69 |
| V | 80% | | 3.94 |



DISCLAIMER

The views expressed in this Project Report are advisory in nature. SAMADHAN assume no financial liability to anyone using the content for any purpose. All the materials and content contained in Project report is for educational purpose and reflect the views of the industry which are drawn from various research material sources from internet, experts, suppliers and various other sources. The actual cost of the project or industry will have to be taken on case to case basis considering specific requirement of the project, capacity and type of plant and other specific factors/cost directly related to the implementation of project. It is intended for general guidance only and must not be considered a substitute for a competent legal advice provided by a licensed industry professional. SAMADHAN hereby disclaims any and all liability to any party for any direct, indirect, implied, punitive, special, incidental or other consequential damages arising directly or indirectly from any use of the Project Report Content, which is provided as is, and without warranties.