Jatropha Plantation & Oil Extraction (Used As Biofuel)

<table>
<thead>
<tr>
<th><strong>Capacity:</strong></th>
<th>8 Kls./Day</th>
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<tbody>
<tr>
<td><strong>Plant and machinery cost:</strong></td>
<td>120.00 Lakh</td>
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<tr>
<td><strong>Working Capital:</strong></td>
<td>0.00 Lakh</td>
</tr>
<tr>
<td><strong>Rate of return(ROR):</strong></td>
<td>41.00 %</td>
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<td><strong>Break Even Point (BEP):</strong></td>
<td>47.00 %</td>
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<tr>
<td><strong>TCI:</strong></td>
<td>438.00 Lakh</td>
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<tr>
<td><strong>Cost of Project:</strong></td>
<td>438.00 Lakh</td>
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Biofuel will be the best alternative to the energy crisis arising out of soaring crude prices and depletion of fossil fuels at a faster rate. Biofuel can make India self-sufficient in energy source as the product has been proven to be efficient, sustainable, cost-effective and pollution-free. Global production of biofuels is growing steadily and will continue to do so. The global biodiesel market is estimated to reach 37 billion gallons by 2016 growing at an average annual rate of 42 percent. The rapid development of the global biodiesel industry has been closely observed by countries interested in stimulating economic growth, improving the environment and reducing dependency on imported oil. Jatropha incentives in India is a part of India's goal to achieve energy independence by the year 2012. Jatropha oil is produced from the seeds of the Jatropha curcas, a plant that can grow in wastelands across India, and the oil is considered to be an excellent source of bio-diesel. India is keen on reducing its dependence on coal and petroleum to meet its increasing energy demand and encouraging Jatropha cultivation is a crucial component of its energy policy. Large plots of waste land have been selected for Jatropha cultivation and will provide much needed employment to the rural poor of India. Businesses are also seeing the planting of Jatropha as a good business opportunity. The Government of India has identified 400,000 square kilometres (98 million acres) of land where Jatropha can be grown, hoping it will replace 20% of India's diesel consumption by 2011.

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