

Entrepreneur India

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Neem Oil (Cold Process)

Capacity:	Neem Oil: 150 Kgs/Day Deoil Cake as by product: 1680 Kgs/Day
Plant and machinery cost:	23.00 Lakh
Working Capital:	0.00 Lakh
Rate of return(ROR):	27.00 %
Break Even Point (BEP):	67.00 %
TCI:	0.00 Lakh
Cost of Project:	51.00 Lakh

Neem oil is obtained from the seeds of neem tree. Utilization of neem seeds is to be set with the problem of organization of systematic collection and crushing of seeds. Neem oil is usually opaque and bitter but it has recently been shown that it can be processed into non bitter edible oil with 50% oleic acid and 15% linoleum acid. 'Neem oil extractives', a waste from neem oil refining has been found to be effective mosquitolarvicide. The material acts as instant killer of the first instar larvae of Culexfatigans at 0.04% concentration whereas at lower concentrations it had delayed toxicity.

Azadirachtin, an active compound derived from neem seeds and other parts has natural insecticidal properties. It is potentially a substitute for synthetic pesticides used in crop production. Projected growth in global bio-pesticide market at CAGR of 15.8 per cent from 2012 to 2017 could be a prospective growth driver for the neem products in future. As a whole there is a good scope for new entrepreneur to invest in this business.

Few Indian major players are as under

- Agro Extracts Ltd.
- J S P Oils & Fats Ltd.
- K G N Agro Internationals Ltd.
- Morinda Overseas Inds. Ltd.
- Vrundavan Agro Inds. Ltd.

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