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Till date Development of IBDC

Date of Establishment: 14th Feb. 2005

Indian Biodiesel Corporation is working in the field of Jatropha plantation & Biodiesel production from last three years. Developments of the firm are as follows:

A. Training and Awareness

1. Conduction of various training programs on Jatropha and Biodiesel for farmers, bank managers in collaboration with NABARD.
2. Mass training of Biodiesel & Jatropha through publishing articles in various newspaper and agricultural magazines.
3. Trials conducted on jeeps, tractors etc. in front of NABARD officers.
4. Encouraging people for Jatropha plantation on land which is barren and fallow.

B. Raw material Independency for next 30 years

1. Jatropha nursery of about 1 lakh plants during last year which has now expanded to 25 lakh Jatropha saplings for this year's plantation.
2. Own plantation of 10 acres as demonstration plot.
3. Encouraging industries for plantation of Jatropha.
4. Institute is fully engaged in encouraging farmers for plantation of Jatropha on the field by concept of contract farming. Total 186.77 acres of plantation of Jatropha has been completed during last year.
5. Agreement with sarpanch of village of Kalkhairewadi about plantation of jatropha on grampanchayat land of 500 acres.
6. Being encouraged through training programs, this year about 1800 acres of Jatropha plantation has been booked.

C. Research & Development

1. Conducting various R & D programs.
2. Providing educational projects with all inputs required about Jatropha and Biodiesel to the degree, MSc. & PhD students of Biotech and Engineering projects completed are:
 - Study of pilot Esterification plant for biodiesel production by students of B. Tech (final year), from School of Biotechnology, Baramati.
 - Industrial one metric ton Biodiesel Production' by the students of B.Tech (Final year) National Institute of Engineering and Management, Pune.
 - Biogas production from non-edible oil seed cake i.e. Jatropha curcas by the student of B. Tech (Final year) from Rai college of Biotechnology, Navi Mumbai.
 - Presently a PhD. student is working on Study of threats, remedial actions, and improvements in industrial Biodiesel production from nonedible oil seed crops.
3. R & D projects are carried out in the institution. A product BIOGREASE has been prepared through R & D work it is in final testing stages for its applications commercially.
4. R & D projects are also carried out with consulting various experts in the field of Plantation, Biogas production of govt. organizations and private consultancy.

D. Production of Biodiesel & byproducts

1. Designed and established 150 liters per day biodiesel plant which can be utilized efficiently by farmers for their own domestic production of biodiesel.
2. Daily production of Biodiesel through different raw materials
3. Working on production and value addition of byproducts.
4. Developing various techniques to reduce cost of production (i.e. measures for methanol recovery from reaction and also from glycerol) for viability of project
5. Project proposal for 10000 LPD of biodiesel (1st phase) is in progress.

D. Liacning

E. Achievements: Got recognition from Our President APJ Abdul Kalam Sir, Oh. Sh. Sharad Pawar, MEDA, NABARD, RBI Pune Div., Dept. of Agri. Pune, MSSIDC, Akola Krushi vidyapith, Collage of Bio technology VP.

F. Market/ Distribution: Got Open enquiry from Bharat Petroleum, Kirloskar Oil Engine, State transport (Mah.),