

Cost of Bio-Diesel Production

	Rate (Rs. / Kg)	Quantity (Kg)	Cost (Rs.)
Seed	5.00	3.28	Rs. 16.40
Cost of Collection & Oil Extraction	2.36	1.05	Rs. 2.48
Less Cake Produced	1.00	2.23	-Rs. 2.23
Trans-esterification Cost	6.67	1.00	Rs. 6.67
*Less Cost of Glycerol produced	*40 to 60.0	0.095	- *Rs. 3.8 to - 5.70
Cost of Bio-Diesel per Kg			Rs. 19.52 – 17.62
Cost of Bio Diesel per litre (Sp. Gravity 0.85)			Rs. 16.59 –14.98

Ref: Biofuel Development Report 2003

Areas identified for Jatropha Plantation through JFM & Forest Departments, Funds Required & Expected Employment Generation

State	Area under JFM & Social Forestry lakh ha	Funds required in Rs. Crores	Employment generation in plantation (Lakh man days)
Assam	0.5	150	150
Andhra Pradesh	1.0	300	300
Chhattisgarh	1.0	300	300
Karnataka	1.0	300	300
Jharkhand	2.0	600	600
Gujarat	1.0	300	300
Madhya Pradesh.	2.3	690	690
Maharashtra	2.0	600	600
Rajasthan	2.2	660	660
Tamilnadu	1.5	450	450
Tripura	0.5	150	150
Uttaranchal	0.5	150	150
Uttar Pradesh	1.50	450	450
West Bengal	0.5	150	150
Other states	2.5	750	750
Total	20	6000	6000

Estimation of Lands For Jatropha curcas plantation (National Mission On Biofuels)

Area in Million Hectare

Land Type	Area	Potential for Jatropha plantation
Under stocked forests	31.0	3.0
Protective hedge around agricultural fields	142.0	3.0
Agro-forestry		2.0
Fallow Lands	24.0	2.4
Land related programmes of Ministry of Rural Development		2.0
Public lands -railway tracks, roads, canals etc.		1.0
TOTAL	197.0	13.4

Ref: Biofuel Development Report, 2003