

Title: Revised Model for the Propagation of Palmarosa grass and extraction of Palmarosa oil in district Bilaspur.

Background: During financial year 2020-21, the model for propagation of Palmarosa grass and its oil extraction was approved by the Governing Body. Its cultivation was taken up on experimental basis for the first time in the forest land of Himachal Pradesh. With a total of 5 quintal biomass obtained from 4.2 ha area, a partial success was achieved in this regard. Subsequently, an MoU for technical inputs on its propagation, oil extraction and marketing was signed with CSIR-IHBT, Palampur. Based on the experience gained by the experts of Jadi Buti Cell during its cultivation and technical inputs from CSIR-IHBT, Palampur, it is felt that the model is required to be revised.

Scheme: The oil will be extracted with the help of mobile distillation unit of CSIR-IHBT, Palampur. Oil will be collected in the provided bottles for the purpose, sealed and labeled for marketing. Marketing is to be carried out by the marketing committee set up at Cluster level of VFDS.

Activities: The suitable area has been ear-marked at **Amarpur Dhingoo** ward in **Ghumarwin** Range of **Bilaspur FD** (Distt. Bilaspur) under the batch-1 enlisted and raised VFDS. This area has already been allotted for the cultivation of certain shrub species and water management by the Livelihood generation group.

Costs involved:

The revised estimated projections are as under:

No.	Activities	Units	Quantity	Norms	Cost
1.	Constitution of CIG from VFDS	1			
2.	Preparation of strips including sowing of Palmarosa seed in strips (100x30x5) cm size (Previous gaps between patches)	%	15,000	1840.54	2,76,081
3.	Seed cost	kg	30	2500	75,000
4.	Manure cost (including carriage)	q	40	1000	40,000
5.	NPK	No. of bags (50 kg/bag)	5	1200	6,000
6.	Urea	No. of bags (45 kg/bag)	5	300	1,500
	Total				3,98,581