Agronomy

1) Assessment - Varietal evaluation of Rice

1	Title	Varietal evaluation of Rice
2	Problem diagnose/ idetified	Low productivity of non-descript and local Rice varieties grown on Rainfed medium black Soil
3	Details of technologies selected for assessment	T1- Farmers practice : local T2- Recommended practices : Karjat-9
4	Source of technology	Dr.B.SK.K.V.Dapoli
5	Production system	Rainfed Cereals based system(Rice-Fallow)
6	thematic area	Varietal Evaluation
7	Performance of the Technology with performance indicators	Results showed that Karjat- 9recorded highest yield (44.00q/ha),B:C ratio (1:1.18) compared to Local
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	Unavailability of seed of fine rice midlate variety and more yield of k-9 than local variety. Due to deficit in rainfall maximum yield not obtained
10	Process of farmers participation and their reaction	Farmers are grown karjat-9 variety and they react that karjat-9 variety given more grain yield than Local.

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11)   Results of On Farm Trial

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Rice	Rainfed	Low productivity of local fine variety	Varietal evaluation of Rice	05	1.Local	1. Grain yield	44.00	30.06% increase in yield than Local	High yielding variety than Local & blight attack is more
					2. Karjat-9	2. B:C ratio	33.83		

Technology Assessed	*Production per unit		Net Return (Profit) in Rs. / unit	BC Ratio
	Grain Yield (q/ha)	Straw yield(q/ha)		
11	12		13	14
1. Local	44.00	31	**- 2851**	**1:0.94**
2. Karjat-9	33.83	40	**9742**	**1:1.18**