

Home science

1) Assessment – (Year -1)

1	Title	Use of Bio- Fortified (Red) Rice in daily consumption to overcome malnutrition for the women
2	Objectives	:i) To create awareness of food & nutrition requirement of the Aganvadi mahila ii) To prepare Bio-fortified Rice recipes.
3	Problem diagnose/ identified	Under nourishment / malnourishment of infants & adolescent girls in rural area due to lack of iron, calcium, protein rich food
4	Details of technologies selected for assessment	Enrichment of Bio- fortified Rice recipes T1- Farmers practice : Regular diet T2- Technology assessed : T1 + Bio-Fortified Rice Recipes.
5	Source of technology	NAU, Navsari
6	Thematic area	Malnutrition
7	Performance of the Technology with performance indicators	1. Weight (kg) – i) Initial Wt. ii) Final Wt. (3 month interval) 2. Hb level
8	Final recommendation for micro level situation	-
9	Constraints identified and feedback for research	-
10	Process of farmers participation and their reaction	Adolescent girls like the Red rice test and appearance. Also they like recipes of red rice like Khir , Lapsi and Bhakri.

11) Result :

Crop/ Enterprise	Farming situation	Problem definition	Title of OFT	No. of Trials	Parameters of assessment	Data on the parameter	Result of assessment
1	2	3	4	5	6	7	8
Red Rice GNR 4	Rainfed	1.Under nourishment/ malnourishment of infants & adolescent girls in tribal area 2. No use of Red rice in daily diet	Use of Bio-Fortified Rice in daily consumption to overcome malnutrition for the women	20	1.Weight Kg 2. Hemoglobin	34.65 10.11	1.Increase the Hemoglobin level 2.Increase the weight

Feedback from the farmer	Any refinement needed	Justification for refinement	Technology assessed	Source of technology
9	10	11	12	13
Farm women like the Red rice test and appearance. Also they like recipes on red rice like Khir , Lapsi and Bhakri.	-	-	Manual practice	Farmers practice
			Regular diet	Technology assessed: T1 + Nutrition rich Bio-Fortified Rice Recipes NAU, Navsari

Name of the Crop	No. of women	Performance parameter /indicators	Data on parameter in relation to technology demonstration		% change in the parameter	Remarks
			Local check (T1)	Demon. (T2)		
GNR-4 Red Rice	20	Weight	33.17	34.65	4.46	1.Increase the Hemoglobin level 2.Increase the weight
		Hemoglobin	9.99	10.11	1.20	