

**Outcome of the promotion of Activities to improve
Malnutrition among the children in Sonaraithari Block,
Deoghar District, Jharkhand.**

By:- Ankit Kumar

Introduction

- ▶ **Malnutrition** is a condition that results from eating a **diet** in which one or more **nutrients** are either not enough or are too much such that the diet causes health problems.
- ▶ Global Hunger Index India's ranking 102 out of 117 countries with the worst hunger situation places us even below Pakistan, Bangladesh and Srilanka
- ▶ Target people- Children, Pregnant Women
- ▶ Duration of Study- 3 Months

Methodology

- ▶ Research Design- Comparative Study
- ▶ Data Collection Instrument- Secondary as well as primary
- ▶ Data Collection Procedure- Structured questionnaire was prepared by the researcher where pre-intervention data and post-intervention data was recorded in same questionnaire format before and after 3 months of the planned intervention

Research Question

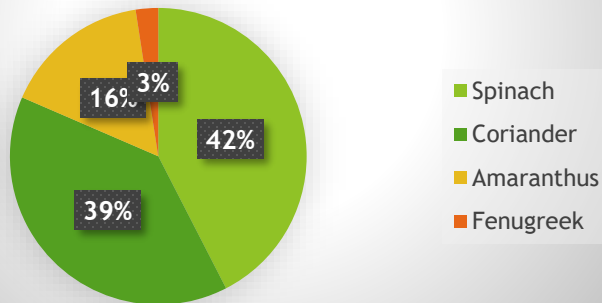
- ▶ What are the key positive strategy need to be taken for decreasing the Malnourishment number in Sonarathari Block
- ▶ What are the key barriers of the community in planning and practicing strategic activities in improving the nutritional status of the children?

Objectives

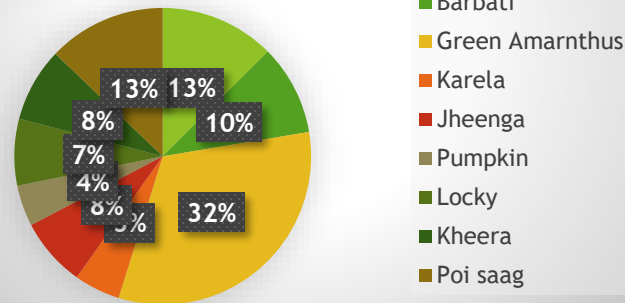
- ▶ To compare the pre and post status of malnourishment in the children of Santhal Parganas focusing in Sonarathari Block of Deoghar District.
- ▶ To understand the key barriers of the community in planning and practicing strategic activities in improving the nutritional status of the children

Findings from Pre and Post Intervention

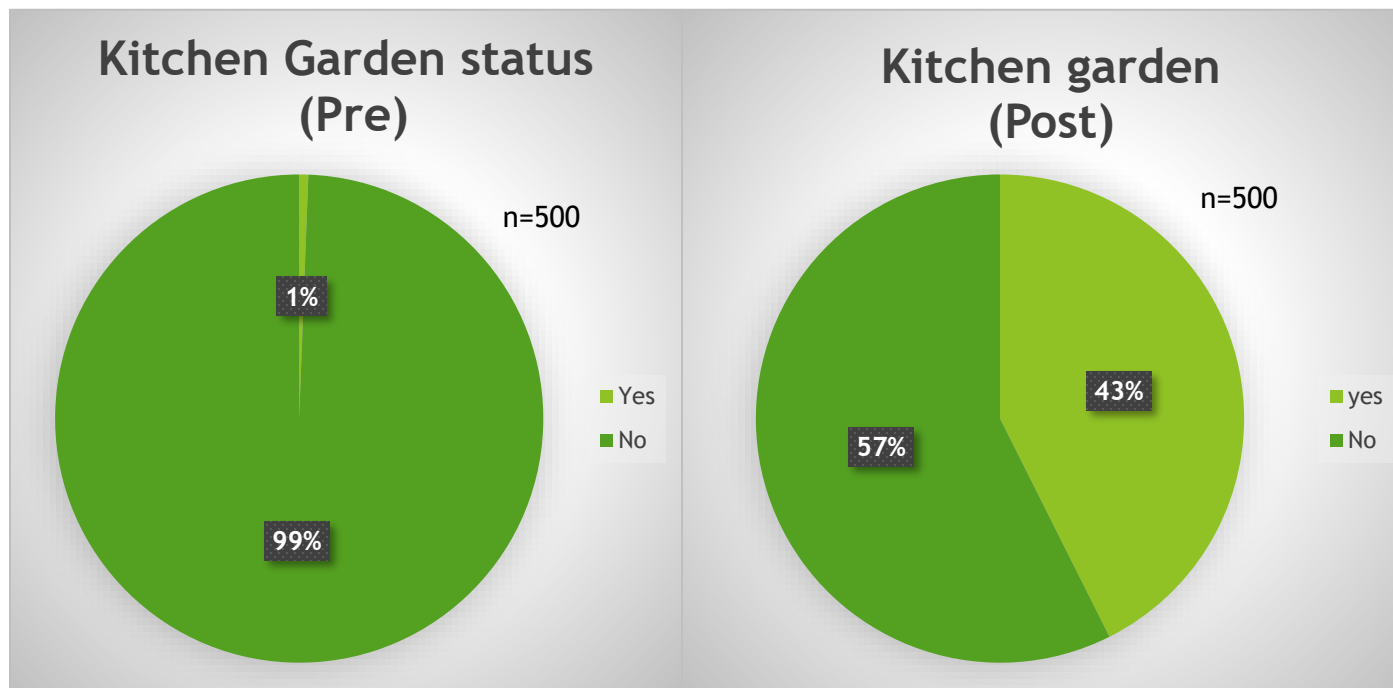
Green Leafy vegetables
did you grow last six
months?
(Pre) n=735



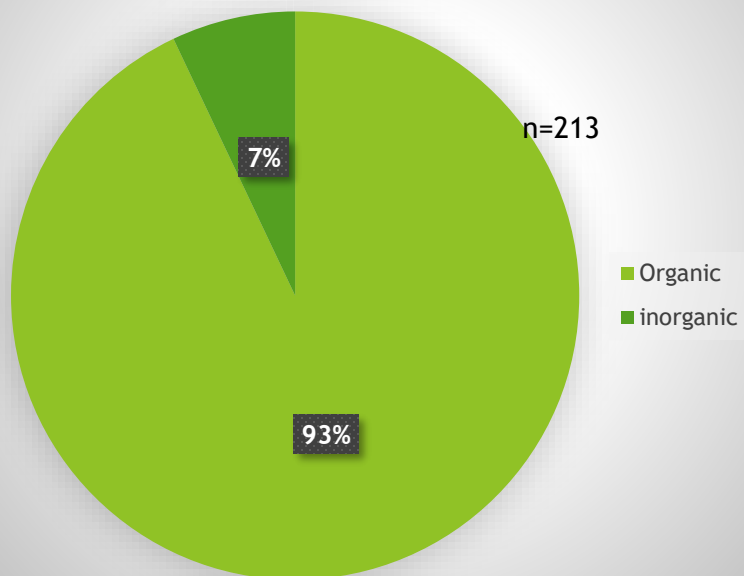
Green Leafy vegetables
did you grow last six
months?
(Post) N=991



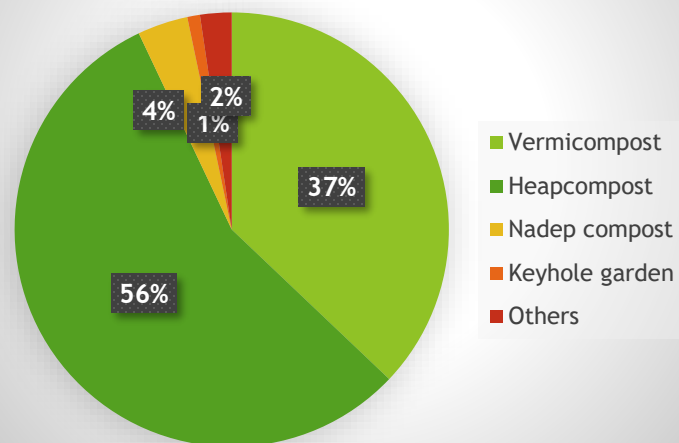
Kitchen Garden Status



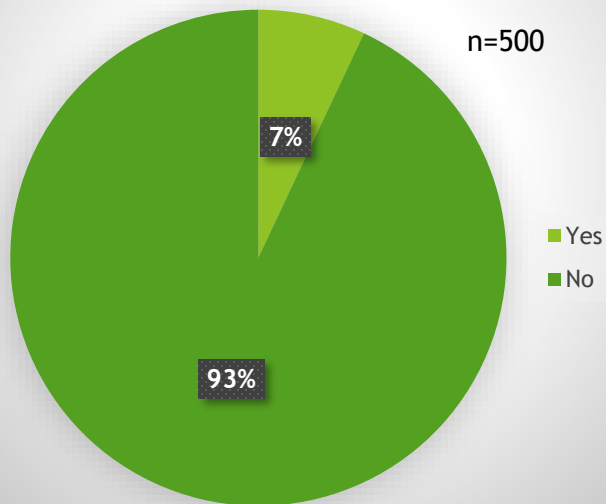
Classification of Kitchen Garden (Post)



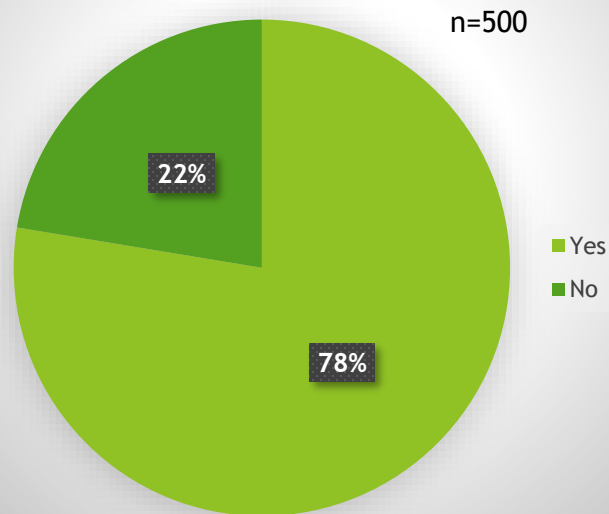
Type of Composting(Post)



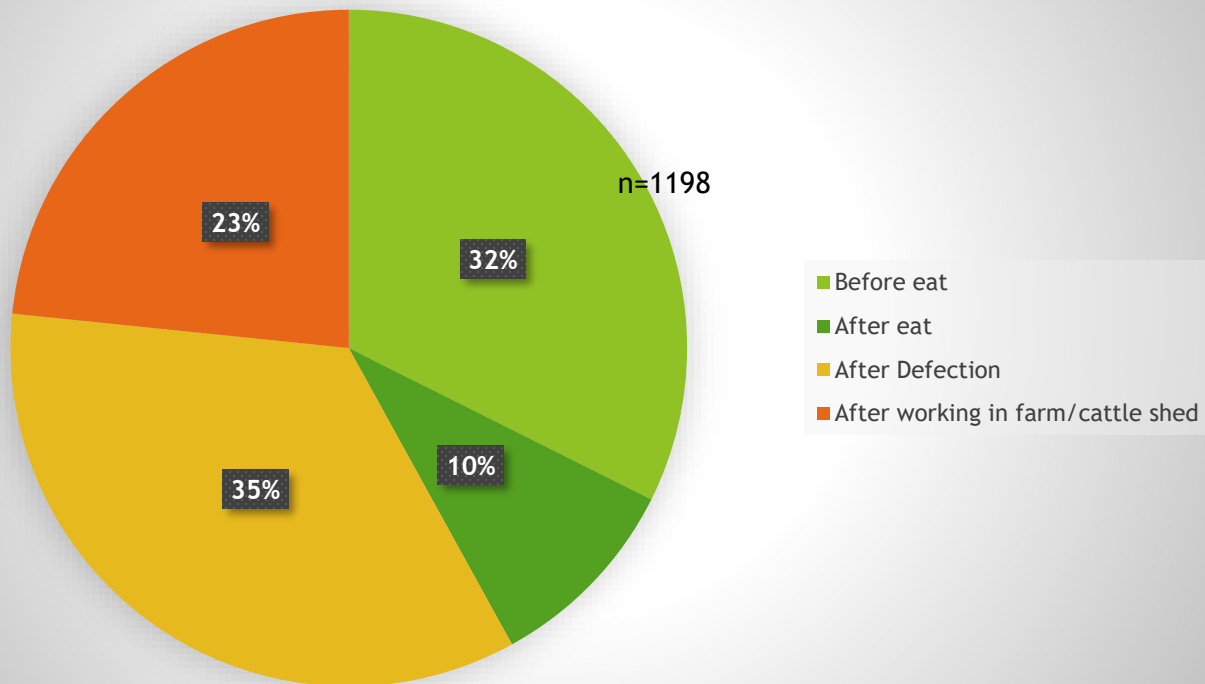
Do you use soap for
washing hands before
eat?(Pre)



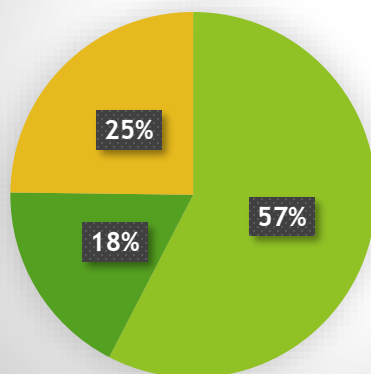
Do you use soap for
washing hands before
eat? (Post)



When do you wash your hands with soap?



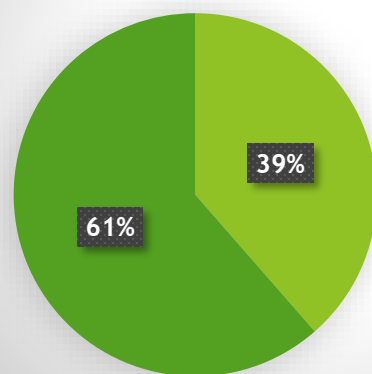
Does the HH have access Latrine & use regularly?(Pre)



N=500

- Have Toilet but donot use regularly
- Have toilet and use
- Donot have Toilet

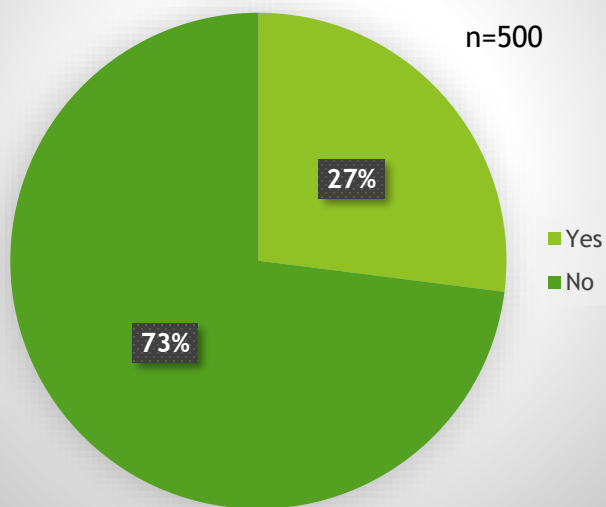
Does the HH have access Latrine & use regularly?



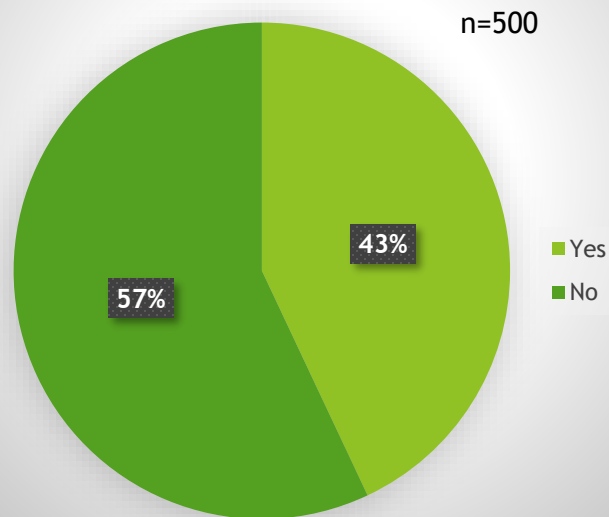
n=376

- Have toilet and use
- Have toilet but don't use

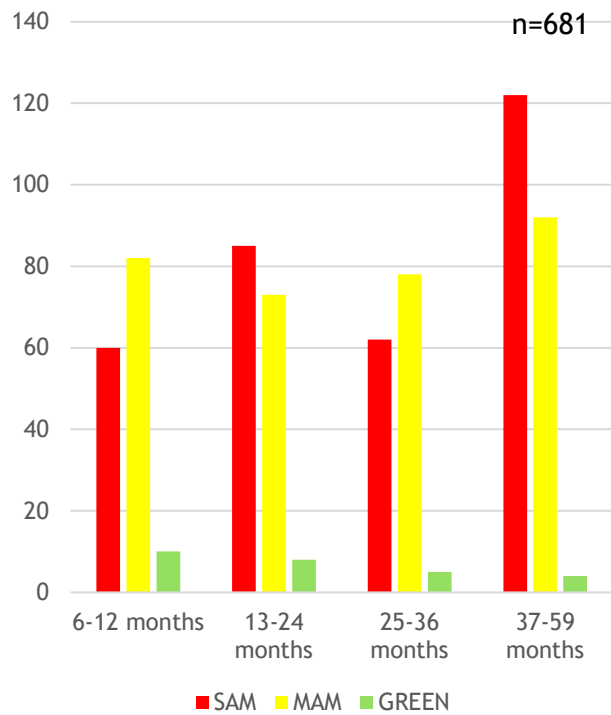
**Do you regularly
monitor your child
growth?(Pre)**



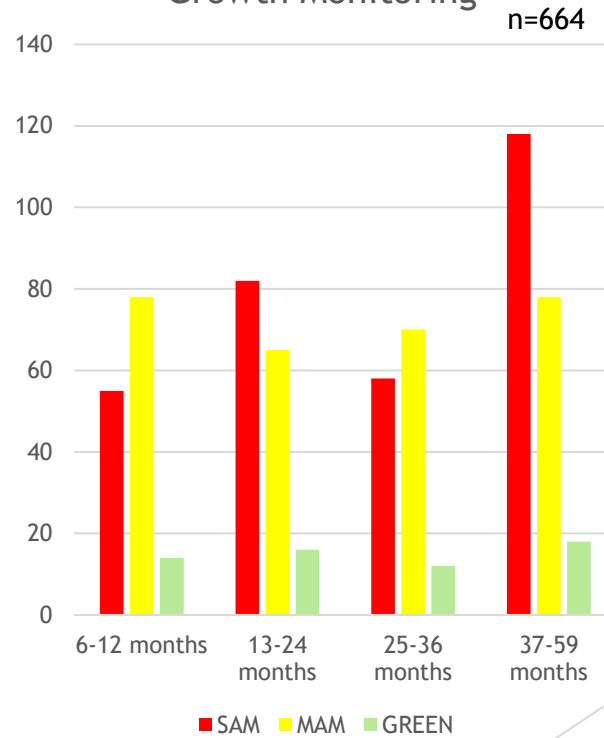
**Do you regularly
monitor your child
growth?(Post)**



Growth monitiong



Growth Monitoring



Finding from Pre and Post intervention

Sno.	Name	Pre		Post	
		Yes	No	Yes	No
1	Kitchen Garden status	3	497	213	287
2	use soap for washing hands before eat	35	465	388	112
3	the HH have access Latrine & use regularly	88	288	145	231
4	regularly monitor your child growth	135	365	215	285
5	Deworming	238	443	285	396

Conclusion

- In 500 HH out of 168 families are belong to ST and 160 families are belong to OBC.
- In decision making women participation in HHs are very less as compared to Male, 93% of Male take the decision of all thing such as health care. Cook the food in house etc.
- 45% of HH income are 3000-5000 only and monthly income of a family plays a critical role in managing malnourishment.
- We found 43% of the respondent has less than 1 acre of land and 32% of the respondent has up to 3 acre of land so land can also act as an indicator for the families having poor diversity of crops or no diversity.
- Kitchen garden status is only 1% of family have the kitchen garden and 99% of the family don't have the kitchen garden.
- 465 families have not washing the hand with soap before eat from this they are eating foods using unwashed hands which is a bad practice and causes some diseases.

Recommendation

- ▶ Primary focus on PD camp activities should be based on awareness campaign should be more at village and block level.
- ▶ There should be regular health check-up, Diarrhoea management and chronic illness management as these were the most related risk factor for malnutrition.
- ▶ Nutrition education is also one of the major component and to low down the rate of malnourished children, education related to supplementary food should be increased

Thank you😊