

**Internship
at
GAIN, Jaipur**

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Section I:

INTERNSHIP REPORT

Integrated programme strategy-

Goal-

To improve the micronutrient status of general population especially children, pregnant and nursing mothers through large scale staple food fortification in the State of Rajasthan.

Objective-

Generally, to reduce micronutrient malnutrition in the State of Rajasthan by making available fortified wheat flour, oil milk and soydal analogue through both the open market and government distribution channels.

Specific Objectives of the project-

- To introduce fortified wheat flour, oil and milk through commercial channel to reach the general population
- To increase regular consumption of fortified foods among target groups
- To demonstrate the technical and operational feasibility of introducing fortified foods through Midday Meal scheme and Integrated Child Development Services Scheme

Project Implementation Strategy-

As a first step to the project, it was critical to identify and select food vehicles which could lead to project success. After a lot of research and analysis of food habits, following three food vehicles, namely, wheat flour, oil and milk were identified.

Wheat Flour

Wheat is a major staple food in Rajasthan. It accounts for 7.8 percent of the total area under wheat production and around 8.3 percent of the wheat production among the major wheat producing states. The estimated food grain production of Rajasthan is 173 lakh tones, of which share of wheat production is nearly 77 lakh tones.

Oil

Rajasthan is the 3rd largest oilseed producing state with a share of 15.1 percent of the total oil production in the country. Rapeseed-mustard and groundnut are the two principal oilseed crop raised in the state. Rajasthan is ranked 1st in production of rapeseed-mustard. In Rajasthan, the total production of oilseeds is around 52 lac tones, which is 15 percent of the total production of nine oil seeds in the country. The per capita consumption of edible oils in Rajasthan, as reported by a senior member of Rajasthan Oil Association, is 10 kilograms per person per year. Mustered oil is the most preferred oil consumed by 53 percent of the rural and 44 percent of the urban households. Consumption of groundnut oil is higher in urban households as compared to rural ones. The average approximate consumption of edible oils in Rajasthan should be around fifty thousand tons per annum, around 50 percent of which is produced within the state.

Milk

Total milk production in Rajasthan is around 95.36 lac tons, which is around 9 percent of the total milk produced in the country. Per capita availability of milk is 408 grams per day, which is substantially higher than the national average of 252 grams per day. Per capita monthly consumption of milk in Rajasthan is 9.5 Kgs in rural areas and 7.4 Kgs in urban areas

(IPS) Project Synopsis-

This is a population based project which seeks to provide access to fortified staple food products both through open market and government distribution channels such as the Public Distribution System. In addition the project will provide nutritious fortified meals to children through the Mid-Day Meal scheme and the Integrated Child Development Services. This project is unique as it will address micronutrient deficiency through an approach that integrates multiple food vehicles, diverse distribution channels and different micronutrients. A strong quality assurance and control system and effective social marketing and communication activities will support and enable sustained demand amongst the community for nutrient dense food, especially through public food based programs.

The project will seek to-

1. Reduce the prevalence of anemia and vitamin A deficiency by 30% in the target population
2. Increase the availability of fortified wheat, oil and milk through the organized sectors in the state from nil to 90% and increase the consumption by the population from nil to 30%.
3. Demonstrate the technical and operational feasibility of introducing fortified foods through Mid-Day Meal Scheme and the Integrated Child Development Services Project.

Collaboration with Government-

The project is working in close collaboration with:

1. Department of Women and Child Development, Government of Rajasthan –for policy support, supply chain management and overall supervision of provision of fortified food to the Integrated Child Development Scheme.
2. Department of Mid-Day Meal, Ministry of Panchayati Raj and Rural Development, Government of Rajasthan – for policy support, supply chain management and overall supervision of fortified food provided through the Mid-Day meal programme.
3. Department of Food and Civil Supplies, Government of Rajasthan – for policy support, supply chain management and overall supervision of fortification of wheat flour provided through the Public Distribution System.

Leanings from the training-

- Understanding of the fortification ratio.
- Know about fortification Testing conformity Range.
- Know about Malnutrition Status of India and Rajasthan.