

RICE & WHEAT FLOUR FORTIFICATION BY AKSHAYA PATRA FOUNDATION

AT A GLANCE

- Malnutrition is one of India's most significant human development challenges, more than 200 million people are suffering from hunger and malnutrition-more than any other country in the world. And, micronutrient deficiency causes cognitive and developmental impairments in children.
- Food fortification as a complementary strategy to diet diversification and supplementation, fills the gap in nutritional needs in a cost effective and scalable manner and is a proven solution to micronutrient malnutrition.
- Vitamins and Minerals to be included: Iron, Vitamin A, B1, B3, B6, B9 and B12.
- The Government of Karnataka & The AkshayaPatra Foundation signed MoU on 20th October 2016 and the project commenced on 26th October 2016. In February, 2018 the feeding through fortified rice program was extended to Lucknow, Uttar Pradesh and on 28th April,2018 it was started in Ahmedabad, Gujarat.
- PATH is providing the technical assistance and funding for rice fortification.
- Baseline, mid line and end-line study has been done by Sambodhi (Research Agency) in Karnataka and baseline & end-line study in Ahmedabad was undertaken by Nilsen.

BENEFITS

- Iron, folic acid and vitamin B12 help prevent nutritional anaemia which improves productivity, maternal health, and cognitive development.
- Folic acid (vitamin B9) reduces the risk of severe brain and spine birth defects. Fortifying with folic acid may also have a role in the child's mental health.
- Vitamin B12 maintains functions of the brain and nervous system.
- Folic acid and vitamin B12 helps lower homocysteine levels.

Our total feeding number is 17,62,133 school children across 12 states in 15,024 schools.

Currently, we are feeding fortified rice to 40% of our total school children in 39 % schools of our total schools and fortified wheat flour is being fed to 37 % of our total school children in 27 % of our total schools.

Below is the tabular representation of our reach (location wise)

Our Reach:

RICE FORTIFICATION

STATE	LOCATION	NO. OF SCHOOLS	NO. OF CHILDREN	STATUS
Karnataka	HK Hill	496	73424	Implemented
Karnataka	Jigani	198	28543	Implemented
Karnataka	VK Hill	507	74647	Implemented
Karnataka	Bellary	559	1,12,474	Implemented
Karnataka	Hubli	849	1,32,165	Implemented
Karnataka	Mysore	144	15542	WIP
Karnataka	Mangalore	134	12284	Implemented
Gujarat	Ahmedabad	426	1,00,355	Implemented
Uttar Pradesh	Lucknow	1,324	1,04,833	Implemented
Andhra Pradesh	Nellore	285	18598	Implemented
Andhra Pradesh	Narsingi	192	13143	Implemented
Telangana	Kothagudem	225	12842	Implemented
Telangana	Warangal	799 - AWC	20586	Implemented
Grand Total		5,994	7,03,894	

WHEAT FLOUR FORTIFICATION

STATE	LOCATION	NO. OF SCHOOLS	NO. OF CHILDREN	STATUS
Gujarat	Ahmedabad	426	1,00,355	At the millers
Gujarat	Bhavnagar	56	14,410	At the millers
Gujarat	Vadodara	618	1,05,533	At the millers
Gujarat	Surat	352	1,64,554	At the millers
Rajasthan	Jaipur	1,123	1,14,464	In house
Rajasthan	Jodhpur	132	11,871	In house
Rajasthan	Nathdwara	602	42,806	In house
Rajasthan	Ajmer	110	15,016	In house
Rajasthan	Baran	119	11,478	In house
Rajasthan	Jhalawar	146	11,919	In house
Rajasthan	Bhilwara	82	10,926	In house
Rajasthan	Udaipur	201	35,000	In house
Rajasthan	Bikaner	121	25,000	In house
Grand Total		4088	6,63,332	