

Project Name: Strengthening Food System Resilience in Asia's Mega Deltas with Salt Tolerant Sweet-potato and Potato.

Project Location: Dumuria, Paikgacha & Koyra Upazila in Khulna District and Tala, Kaliganj & Satkhira Sadar Upazila in Satkhira District

Project Period: January 01, 2018 to December 31, 2020.

Technical Partner: International Potato Centre (CIP)

Funded by: BMZ

Total Budget: BDT 4,180,800.00

Direct Beneficiaries: 5000

Goal of the Project

Contribute to increased agricultural system productivity, food security, and healthier diets in Bangladesh's delta region through adoption of resilient nutritious potato and sweet potato and at times specifically orange fleshed sweet-potato varieties, better agronomic practices, and improved utilization of the crops.



Project Purpose

The immediate purpose of the project is to strengthen farmer access to, and utilization of, released improved salt tolerant P and SP (specifically bio-fortified OFSP) varieties in two districts in the Southern Delta and improve NARS' capacity and approaches for continued varietal development and adaptation.

Output of the Project

- ❖ **Output 1:** Improved, accelerated breeding methodologies adapted, and improved phenotyping tools and evaluation methods identified to support development of salt tolerant P and SP varieties by NARS.
- ❖ **Output 2:** Improved methodologies and capacities in the seed value chain for sustainable and socially inclusive production, distribution, and marketing of high quality seed of released salt tolerant and nutritious P and SP varieties.
- ❖ **Output 3:** Participatory selection of P and SP varieties and agronomic practices best suited to local cropping patterns and agro-ecologies.
- ❖ **Output 4:** Household level utilization of OFSP and P improved varieties, in particular to support young child nutrition.
- ❖ Prodipan will specifically lead the activities under Output 4
- ❖ 4.1 Adapt and implement the Community Nutrition Scholars (CNS) model to strengthen nutrition knowledge and food utilization skills in vulnerable households in 6 communities (upazilas) in the target districts.
- ❖ 4.2 Introduce SP in (female-controlled) home gardens and support CIP for assessing outcomes for nutrition perception and decision making among men and women.
- ❖ In addition, Prodipan will also contribute to Output 2 by ensuring monitoring of potato and sweet-potato nurseries and demonstration sites by CNS.

Activities of the Project

- ✓ Support the collection of baseline household information;
- ✓ Implement CNS for enrolling women/young mothers in messaging sessions and follow up in two-week intervals;
- ✓ Regularly backstop and evaluate CNS sessions
- ✓ Ensure regular home visits by CNS and collection of data
- ✓ Establish field nurseries
- ✓ Organize and conduct trainings for farmers on best agronomic practices
- ✓ Support selected farm households to establish potato and sweet-potato fields as well as to grow vegetables
- ✓ Collect M&E data, compile and submit technical and financial progress reports.
- ✓ Facilitate linkages and collaborations with BARI, BADC, DAE, private seed companies and Bangladesh universities;
- ✓ Conduct baseline and end-line survey of the project;
- ✓ Provide technical backstopping on proper recording of field production data.