Strengthening Vegetable Value Chains in Pakistan

Locations: Australia, Pakistan

Dates: 16/02/2018 - 31/12/2021

Summary: Small scale vegetable farmers in Pakistan encounter a number of issues that compromise their sustainable livelihoods; particularly for women and youth. Through the project, an alliance of selected organisations is aiming to improve the livelihoods of rural communities in Sindh and Punjab through strengthening selected horticultural value chains, and promoting sustainable production and marketing opportunities.
The problem

Close to 60% of Pakistan's population of around 208 million live in rural areas where poverty in all its forms is high (nearly 55%) compared to urban areas (less than 10%). The vast majority of the country’s rural poor depend on subsistence agriculture, either as farmers, or as farm labourers and service providers. The vast majority of these farmers operate family smallholdings – comprising less than five acres of land – and for many of these, vegetables are a major, but highly variable, source of household income. Women and the young who are attempting to make their living through vegetable farming and trade are especially affected.

A needs assessment was conducted in Sindh and Punjab where four major vegetables (onion, potato, tomato, chillies) are grown. It showed that supplying consistently good quantity vegetables to the market remains challenging. Structural constraints such as poor storage, handling, transportation and processing, are big issues. We found that these, coupled with production constraints (such as seed quality, price of inputs, and pests and diseases) and economic constraints (such as mechanism of access to capital, credit, tenancy/land) means that consumers are not being supplied with enough good quality vegetables.

Overarching socio-cultural factors such as the lack of knowledge to address these constraints (including inadequate extension services) and restricted opportunity for women and youth also act as barriers to working collaboratively within some communities.

What we are doing

To address these constraints, a holistic and multidisciplinary approach has been developed that will look at the entire value chain to help improve the livelihoods of the target communities in Sindh and Punjab. This will be achieved by strengthening horticultural value chains, and by promoting sustainable production and market opportunities.

Specifically, the project objectives are to:

- Identify opportunities for increasing community engagement and developing rural entrepreneurism
- Establish sustainable production and marketing opportunities for small scale vegetable farmers and traders
- Test and develop technical innovations for selected vegetables value chains
- Expand improvements in vegetable value chains, and sustain and maximise any community benefits

The project team is comprised of subject specialists and experts from all areas of the value chains (social science, production, post-harvest handling, value-added product development, marketing and capacity building) and a comprehensive work plan has been developed whereby the experts will test and make recommendations to farmers on the techniques and technologies they should implement.

Our approach in this project will not only benefit the community households working directly with us, but also the stakeholders involved in these and other commodity value chains.

Partnerships with both public and commercial institutions throughout testing and applying value chain interventions are vital to sustain any future impacts.
Results so far

This horticulture value chain project is focused on social science and has pre-selected community groups at 10 target sites in two provinces of Pakistan.

We have successfully established nine subcontracts with in-country and international partners who will help implement the project. Additionally, we have finalised contracts with seven Australian consultants.

In terms of carrying out the project, the team has been established and all project partners have begun participating in project activities. All project partners firstly took part in a ‘walk-the-chain’ activity (a walk-through experience from start to finish) at project field sites which allowed them to fully understand how the product flows through the supply chain. A comprehensive baseline report was then produced and shared with the donor, the Australian Centre for International Agricultural Research (ACIAR), and the senior management of partner organisations, and a newsletter was developed.

The social scientists, comprising of an Australian counterpart and participants from five in-country partner organisations have concluded a baseline survey that engaged community groups for any future interventions and are profiling potential villages for community household engagement.

Regular research trials, communication of findings to the relevant stakeholders, building the capacity of researchers and beneficiary households, and regular reviews are being organised and fuller participation of all partner organisations and engagement of participating communities is anticipated.

Donors
Australian Centre for International Agricultural Research (ACIAR)

Partners
Department of Agriculture Extension Sindh, Pakistan, Department of Agriculture Extension Punjab, Pakistan, Agriculture Research Sindh, Pakistan, National Agricultural Research Centre, Pakistan, Sindh Agriculture University, Tandojam, Pakistan, University of Agriculture Faisalabad, Pakistan, Women Agriculture Development Organization, Pakistan, MOJAZ Foundation, Pakistan, The University of Queensland, Australia

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