



# Higher Productivity and Income through Citrus Market Development

## Higher Productivity

- **More than 780 farmers** have been trained on **improved citrus cultivation** and report utilizing their training daily.
- **641 farmers** have been trained on **citrus post-harvest management**, 324 of which report reducing the cost of post-harvest losses by 20%.
- **1 new canal irrigation system** was constructed to benefit 28 farming households.
- **2 citrus nurseries** have been established. The nurseries are expected to produce approximately **10,000 saplings** by 2016.
- **27 farmers have been trained on integrated pest management**, methods of preparation and application of bio-pesticides and application of micro-nutrients.
- **6 farmer organizations** were provided with **foot sprayers** for the application of bio-pesticides, and **8 farmer organizations** received **harvest and packaging tools**.
- **253 farmers** were provided with **6,000 disease-free citrus plants**.

## Higher Income

- **4 cold storage facilities** were constructed and utilized to **preserve the fruit** until the market is less inundated and the produce **fetches a higher price**.
- **Nearly 600 farmers** have been trained on **market management and citrus value chain analysis** skills. More than **400 farmers** remain up-to-date on **citrus market information**, like prices, so they can know when and where it is best to sell.
- **208 farmers** have also been trained on **grading, labelling, packaging and branding** of their produce to increase its market value.
- **2 citrus collection centers** have been constructed and **3 citrus cooperatives** formed for **collective marketing**.
- **574 farmers** have been trained on **pre-cooperative management**, and **167** have been trained on **business planning, cooperative management and group dynamics**.



## QUICK FACTS

Lutheran World Relief, in partnership with local partner SAHAMATI, is assisting farmers in Nawalparasi and Tanahu Districts to improve their citrus cultivation and participation in the value chain.

To achieve these goals, the project aims to:

- increase farmers' income
- improve citrus storage facilities
- train farmers on market management skills to procure higher returns in the marketplace

This is the third phase of a project that began in 2012. In the previous phases:

- 6 zero energy cold storage facilities were built
- 400 citrus farmers were organized into 13 farmer groups and received training on citrus cultivation and marketing, cold storage unit usage, equipment utilization and making market linkages, and were provided with inputs for harvesting and post-harvest management

*LWR began working in Nepal on food security issues in 2009. Our programming has since expanded to include emergency operations, agricultural value chains and livelihood resiliency, climate change adaptation and disaster risk reduction.*

**LOCAL PARTNER:** SAHAMATI

**PROJECT PERIOD:** February 2014 – January 2017

**FUNDING:** \$179,984