



Promoting Climate Change Adaptation with Nawalparasi Farmers

Climate Smart Agriculture

- Trained 440 farmers on **climate smart agriculture (CSA)** and **climate change vulnerability**.
- Trained 437 farmers on the production of more **profitable crops**, such as vegetables, bananas, lentils and groundnuts.
- Conducted 5 trainings on **water efficient technology** and **farming along fertile river banks** with flood-resistant seeds.
- Provided farmers with 49 **water saving technologies**, such as pump irrigation machines and drip houses.
- Conducted 5 trainings on **post-harvest technology**.
- Established 19 demonstration plots for wider dissemination of **integrated pest and nutrient management (IPM/INM)** skills.
- Trained 11 farmers over 15 days to become **Local Resource Persons (LRPs)** for their communities. These LRPs were trained on CSA practices, IPM/ INM, riverbed farming, soil management, nursery management, off-season vegetable production, water efficient technology, production planning, and post-harvest technology.
- 450 farmers have successfully **diversified their crops**, increasing their harvests from 1 crop to at least 3 crops in the same field within the past year. Crops included rice, wheat, lentil and summer/winter vegetables.

Farmers Groups

- Assisted in the organization of 41 **farmers groups** at the beginning of the project.
- Trained 27 farmers, 22 of which were women, on **market management**.
- By the end of the project:
 - 2 **production and marketing farmers cooperatives** will be formed;
 - 2 **marketing workshops for traders and farmers** will be held;
 - 2 **produce collection centers** at each cooperative will be constructed;
 - Post-harvesting tools, such as **crates and weighing machines**, will be provided to the 2 cooperatives;
 - 10 **modified rickshaws** will be provided to improve the transportation of produce to market.
- Provided 130 farmers with **banana suckers**, 455 farmers with **vegetable seeds** (cauliflower, cabbage, broccoli, turnip, coriander, radish, onion, and carrot) along with **micronutrients** and pesticides, and 100 farmers each with **bins to store cereal and legumes seeds** for next season.
- Delivered 200 **watering cans** and 80 **sprayers** to farmers.



QUICK FACTS

Lutheran World Relief (LWR), in partnership with local partner MADE, is **strengthening the resilience of 892 farmers in Nawalparasi District against the effects of climate change.**

The three project objectives are:

1. **Increase the production of agricultural crops** (major cereals, vegetables, fruits and pulses) in flood-prone areas of Nawalparasi District.
2. **Equip the farmers with knowledge, skills and tools** for profitable and diversified agricultural farming, including climate smart agriculture.
3. **Establish linkages between farmer groups and regional level traders** in order to ensure the selling of agricultural produce and to improve the market information system.

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

LOCAL PARTNER: Multi-dimensional Agriculture for Development (MADE)

PROJECT PERIOD: November 2014 – September 2016

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