

**CANADA FUND PROJECT BRIEF**

- 1. Project Title : Ensuring Food Security Through Sustainable Agriculture Technology in Barangay Mabangug, Cabagan, Isabela
- 2. Location : Isabela
- 3. Project Sector : Agricultural development  
Agricultural inputs  
Food crop production  
Agricultural financial services
- 4. CIDA Contribution : Php 869,537.50
- 5. Implementing Organization : Isabela State University  
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- 6. Duration : March 04, 2005 - April 15, 2007
- 7. Project Description :

This project is within the framework of the “Adopt a Barangay” Program of the Isabela State University – Community Extension Service (ISU-CES). It will forge a tripartite partnership between ISU, the local government of Cabagan and the Green Hills Diversified Cooperative (GHDC) to reduce poverty incidence in Barangay Mabangug. To contribute to poverty reduction, this project will work towards: 1) increasing farm productivity through technology transfer, increased access to farm capital and irrigation support; 2) augmenting family income through supplemental livelihood activities; 3) improving the families’ access to food through bio-intensive gardening; and 4) strengthening the capacity of GHDC. This project will benefit 40 of the 52 families in the barangay, equivalent to 312 men, women and children.

- 8. Beneficiaries : 40 families
- 9. Expected Results :
- Annual gross income of 40 households in Barangay Mabangug increased from Php42,227 to Php52,280 by end of the project
  - Year 1:
    - Corn yield increased from 3.5t/ha to 4.5t/ha
    - From Php11,375 (monocropping), farm income from diversified farming increased to: Wet season: P19,500; Dry season: P21,245
  - Year 2:
    - Corn yield increased from 4.5t/ha to 6.5 t/ha
    - Increase in farm income from diversified farming Wet season: from P19,500 to P22,170; Dry season: from P21,245 to 22,297.50

Year 1:

- Farm capital (for a 0.5ha land) reduced from P7,472.50 to Php6590 per cropping cycle
- 30 farmers using 40% organic fertilizers and 60% inorganic fertilizers

Year 2:

- Farm capital (for a 0.5ha land) reduced from P7472.50 to Php 6185 per cropping cycle
- 30 farmers using 60% organic fertilizers and 40% inorganic fertilizers
- 10 new farmer cooperators using 50% organic fertilizers and 50% inorganic fertilizers

Year 1:

- 30 families adopted crop diversification in their farmlots (corn + peanut + mungbeans)

Year 2:

- 40 families adopted crop diversification in their farmlots (corn + peanut + mungbeans )
- Irrigation support facilities constructed
- Better prices of farm products through decreased dependence on money enders/traders

Year 1:

- 30 farming households generated an average additional income of P4,158/year 60 heads of Kabir chickens dispersed to 30 families

Year 2:

- 30 farming households generated an average additional income of P7,813/year
- 20 ready-to-lay kabir chickens dispersed to 10 new households
- Reduced incidence of malnutrition

Year 1:

- 15 families with bio-intensive home lot gardens and backyard-scale mushroom culture

Year 2:

- 30 families with bio-intensive home lot gardens and backyard-scale mushroom culture
- Coordinate with LGU- DSWD and other agencies

By end of the project:

- GHDC is capable of running the organization and its activities
- Trainings conducted
  - √ Leadership Skills Training (30 members)
  - √ Organizational Management Training (15 officers)
  - √ Financial Management Training (30 members)
  - √ Facilitating group meetings (10 leaders)
  - √ Internship in a successful cooperative (3 officers)
  - √ Strategic Planning Workshop (30 members)
- Regular meetings held
- Organizational systems in place
- Processes and lessons learned from the project are documented and integrated with ISU's curriculum