



REVISED RESEARCH PROPOSAL

I. BASIC INFORMATION

Project Title : **Adlay Production: A Climate Change Adaptation and Mitigation Strategy for Marginal Lands**

Project Leader

: Ed Allan L. Alcober

Study Leaders

: Dionesio M. Bañoc- Study 1 (Benchmarking)

Ed Allan L. Alcober- Study 2 (Adaptability Trial)

Mary Ann L. Maskariño - Study 3 (Varietal Spacing)

Berta C. Ratilla - Study 4 (Nutrient Management)

Mariedith I. Bagarinao - Study 5 (Tillage Practices)

Wences Rey B. Dela Peña - Study 6 (Ratooning)

Implementing Unit

: Department of Agronomy

Collaborating Agency

: Local Government Units

Location

: Baybay City, Leyte

Duration

: Two years

Proposed Budget

: PhP 1,972,459.50

Discipline

: Agronomy

Classification

: Applied

SDG 17

: Goal 2 - End hunger, achieve food security and improved nutrition and promote sustainable agriculture

II. TECHNICAL INFORMATION

A. Rationale

The production of crops is essential for the survival of humankind. However, a number of factors have to be considered to sustain such production to supply the needs for generations to come. The choice of appropriate species, variety and cultural management practices as well as considerations of the edaphic and climatic factors can greatly improve the productivity of crops.

The production of staple crops (rice and corn) may no longer be able to meet the food and feed requirements in the coming years as the area of prime agricultural