

**Lal-lo Campus
RDE Banner Programs and Projects
2018-2022**

Banner Program: High Value Commercial Crops and Cash Crops

Goals: Peanut germplasm collection, varietal evaluation and maintenance for yield and quality, storage life improvement and continuing production of aflatoxin-free materials

Put up a cacao research and development center

Nutrient and water management for improvement organic vegetables towards sustainable and profitable farming

Come up with banana research and development program development of package of technology on lubeg (*syzyguim lineatum*) production, products and by-products as source of livelihood and income for Cagayanos

Objectives: Establish Peanut Germplasm Bank in CSUL

Establish Peanut Production and Demonstration Farm

Evaluate Aflatoxin Disease Variety

Identify Good Agricultural Practices for Yield and Quality Peanut Production

Conduct study on Variety Evaluation and Shelf Life Performance of

Developed Peanut Lines using Low-Cost Seed Storage Facilities

Conduct Community-Based Peanut Variety Evaluation for Quality Raw

Materials Production for DOST-FIC Product Development

Continue project on Cacao Seed/Nursery Management

Improve Cacao Breed

Continue Cacao Management and Production

Conduct study on Integrated Pest Management for Pest and Diseases of Cacao

Establish nutrient and water management for Improvement of organic vegetables towards sustainable and profitable farming

Enhance yield in organic farms under conversion

Develop bio-fertilizer inputs in increasing and sustaining productivity of organic vegetables under upland conditions

Improve water management efficiency in organic farms
Produce Organic High Value Crops
Conduct survey thru Geotagging Banana Plantation in Region 02
Establish Banana Nursery
Develop package of Technology on lubeg (*syzyguim Lineatum*)
Production, Products and By-products as source of Livelihood and
Income for Cagayanos

Challenges: Financial constraints
Time management of faculty in-charge
Overlapping of schedule (between workload and assigned project)
especially among faculty in-charge
Overloading of faculty in-charge
Overlapping of assignments and designations especially among small
campuses

Plan Strategy: Specific projects were assigned to able faculty who are believed to be
experts or capable of handling the project/program

Sought funding from the university and other funding agencies for the
sustainability of the project

Proposals are conceptualized and made for submission to agencies for
possible funding

COMMODITIES/BANNER PROGRAM: HIGH VALUE COMMERCIAL AND CASH CROPS

Campus: CSU Lal-lo Campus

Priorities/Research Area	Program/Project/Study	Time frame					Expected Output				
		2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
PEANUT	P.1. Peanut Germplasm Collection, Varietal Evaluation and maintenance for Yield and Quality, Storage Life Improvement and continuing Production of Aflatoxin-Free Materials	6 mos.	12 mos.	12 mos.	12 mos.	12 mos.	GP w/ 6 Varieties 1 Demo F 5 Recipients/1Barangay	GP w/ add'l 6 Varieties 1 Demo Farm 1POT 1GAP 5 recipient s/+1 barangay	GP w/ add'l 6 varieties 1 demo F 1POT 1GAP 5 recipient s/+1barangay	GP w/ add'l 6 varieties 1 Demo Farm 1POT 1GAP 5 Recipients/+1Barangay	GP w/ add'l 6 Varieties 1 Demo F 1POT 1GAP 5 Recipients/+1Barangay
	1.1. Establishment of Cagayan State University Peanut Germplasm Bank		12 mos.	12 mos.	12 mos.	12 mos.	6 Varieties	6 Varieties	6 Varieties	6 Varieties	6 Varieties
	1.2. Establishment of Peanut Production and Demonstration Farm		6 mos.	6 mos.	6 mos.	6 mos.	1 Demo Farm at CSU	1 Demo Farm at CSU	1 Demo Farm at CSU	1 Demo Farm at CSU	1 Demo Farm at CSU
	1.3. Aflatoxin Disease Variety Evaluation		6 mos.	6 mos.	6 mos.	6 mos.	At Least 1 Variety	At Least 1 Variety	At Least 1 Variety	At Least 1 Variety	At Least 1 Variety
	1.4. Good Agricultural Practices for Yield and Quality Peanut Production	6 mos.	6 mos.	12 mos.	12 mos.	12 mos.	Identified Peanut Farmer to GAP	GAP Farmers adopter	GAP Practitioners	GAP for Peanut Demo Farms	GAP for Peanut Demo Farms
	1.5. Variety Evaluation and Shelf Life Performance of Developed	24 mos./ cycle						1POT Peanut	1POT Peanut	1POT Peanut	1POT Peanut Shelf Life

HVCC	P.3. Nutrient and water management for Improvement of organic Vegetables towards Sustainable and Profitable Farming						1 POT to be verified	1 POT to be verified	1 POT to be verified	1 POT	1 POT
	3.1. Enhancement of Yield in Organic Farms under Conversion						1 POT to be verified	1 POT to be verified	1 POT to be verified	1 POT	1 POT
	3.2. Development of Bio-Fertilizer Inputs in Increasing and sustaining productivity of Organic Vegetables under Upland conditions						1 POT to be verified	1 POT to be verified	1 POT to be verified	1 POT	1 POT
	3.3. improvement of Water management efficiency in Organic farms						1 POT to be verified	1 POT to be verified	1 POT to be verified	1 POT	1 POT
	P.4. Organic High Value Crops production						100kg per kind	200kg per kind	300kg per kind	400kg per kind	500kg per kind
	4.1. Organic “pinakbet”						100kg per kind	200kg per kind	300kg per kind	400kg per kind	500kg per kind
Banana	P.4. Banana research and Development program						1 center proposal	1 nursery	1ha. Demo area	+1ha.	+1ha
	4.1. Survey thru Geotagging Banana Plantation in Region 02						1 proposal	Whole Cagayan	3 provinces	+3provinces	+3provinces
	4.2. Nursery Establishment of Banana						1	1 nursery with 2 varieties	2 nurseries with 3 varieties	1 nursery with 5 varieties	1 nursery with 10 varieties
Other(s)	P.5. development of package of Technology on lubeg (<i>syzygium Lineatum</i>) Production, Products and By-products as source of Livelihood and Income for Cagayanos						5 Utility Models Packaged	5 POTs	5 POTs for market testing	5 POTs for blast testing	5 POTs for market niche identification

