

Climate–Smart Agriculture Center (CSAC)

Email: csac.bsu@gmail.com

FB: Bsu Csac

Ongoing Research Programs/Projects

Program/Project Title	Study Title	Researchers
1. Performance of Rabbits in Highland Condition	Study 1: Growth performance of rabbits fed rabbit pellets supplemented with Pennisetum purpureum, Brachiaria mutica, Cynodon plectostachyus, Trichanthera gigantean and Morus alba under highland condition (COMPLETED: January 2021 to July 2022) Study 2: Reproductive performance of Rabbits under highland condition	Genevieve Ramos-Tabon
2. Performance of Rabbits in Highland Condition	Study 1: Growth performance of rabbits fed rabbit pellets supplemented with Pennisetum purpureum, Brachiaria mutica, Cynodon plectostachyus, Trichanthera gigantean and Morus alba under highland condition (COMPLETED: January 2021 to July 2022) Study 2: Reproductive performance of Rabbits under highland condition	Genevieve Ramos-Tabon
3. Assessment of Soil Properties under different farming Systems in La Trinidad, Benguet	Study 1: Profiling of Crop and Nutrient Management of Farmers Practicing GAP, Conventional and Organic Agriculture at Benguet State University Experimental Area Study 2: Updating of Soil Physical Properties of GAP, Conventional and Organic Experimental Areas at Benguet State University Study 3: Updating of Soil Chemical Properties of GAP, Conventional and Organic Experimental Areas at Benguet State University Study 4: Updating of Soil Biological Properties of GAP, Conventional and Organic Experimental Areas at Benguet State University	Jameson Lopez, Arlene Wayet, Alexander Fagyan, Jennie Soyon
4. Nutrient Use Efficiency of Strawberry (Var. Sweet Charlie and King Berry) in La Trinidad, Benguet	Study 1: Nitrogen use Efficiency of Strawberry Study 2: Phosphorus use Efficiency of Strawberry Study 3: Potassium use Efficiency of Strawberry Study 4: Calcium use Efficiency of Strawberry	Jameson Lopez, Arlene Wayet, Gennie Soyon
5. Documentation and Re-description of Floral Diversity in Cordillera Central Range, Northern Philippines	Project 1: Floral Diversity Assessment in Important Landscapes of Cordillera Central Range, Northern Philippines Project 2: Morpho-Anatomical Characterization of Ecologically and Economically Important Plants in Cordillera Central Range, Northern Philippines	Jones T. Napaldet, Maricel A. Guron, Joanna I. Alafag, Jennifer C. Paltayan, Conrado C. Bao-idang

Program/Project Title	Study Title	Researchers
<p>6. Development of Plant-Microbe Consortium for Bioremediation of Heavy Metal Affected Areas in Benguet</p>	<p>Study 1: Floral Diversity Assessment of Mine Tailings Dams in Benguet Province, Philippines for Determination of Potential Phytoremediator</p> <p>Study 2: Soil Analysis and Heavy Metal Uptake in Dominant Plants of Mine Tailings Dam in Benguet Province, Philippines</p> <p>Study 3: Mercury Uptake and its Phytological Effects in <i>Pityrograma calomelanos</i>: A Potential Plant for the Phytoremediation of Mine Tailings in Mankayan, Benguet</p> <p>Study 4: Isolation of Potential HM-Resistant Rhizosphere and Endophytic Bacteria</p> <p>Study 5: Evaluation of PGP Properties of HM-Resistant Rhizosphere and Endophytic Bacteria</p> <p>Study 6: Evaluation of the Bioremediation Potential of Selected Bacteria in Actual Field Condition</p>	<p>Joanna I. Alafag, Sherlyn C. Tipayno, Jennifer C. Paltayan-Bugtong, Maricel A. Guron, Jones T. Napaldet</p>