



SUSTAINABLE DEVELOPMENT GOALS

# 2 ZERO HUNGER

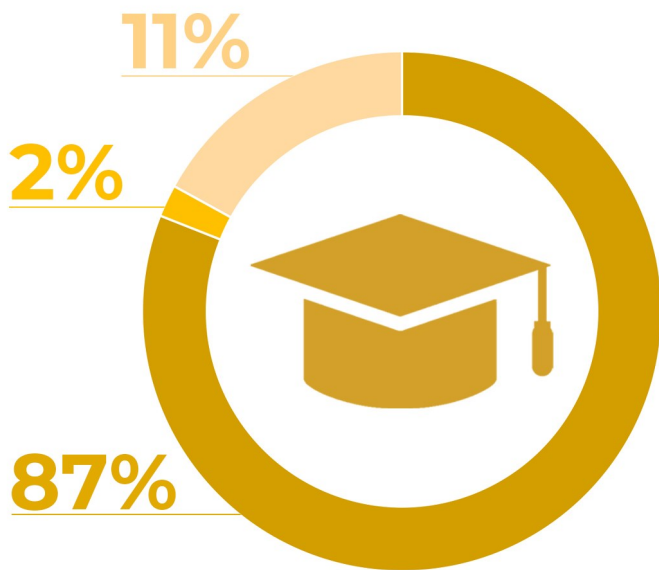


# PROGRESS REPORT 2022



# END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE

## AGRICULTURAL TECHNOLOGY GRADUATES



- BACHELOR IN AGRICULTURAL TECHNOLOGY
- DIPLOMA IN AGRICULTURAL TECHNOLOGY
- NON-AGRICULTURE COURSES



### PROVIDING HEALTHY AND AFFORDABLE FOOD CHOICES FOR ALL ON CAMPUS




### ACCESS TO COLLEGE FACILITIES FOR FARMERS



### ORGANIZING EVENTS FOR LOCAL FARMERS TO CONNECT AND TRANSFER KNOWLEDGE

 **90** Farmers

### ACCESS TO SUSTAINABLE AGRICULTURE KNOWLEDGE AND SKILLS FOR LOCAL FARMERS

- TRAININGS ON PLANT DISEASE DIAGNOSIS AND MANAGEMENT AND PROPAGATION OF FRUIT TREES  **78** Farmers and Students
- CAPABILITY BUILDING ON THE FORMULATION OF THE MPSPC COMPOST AND BOTANICAL PESTICIDE  **25** Farmers and Students

The Mountain Province State Polytechnic College (MPSPC) is committed to making a meaningful contribution to the achievement of Sustainable Development Goal 2 (SDG 2) - Zero Hunger. The institution recognizes the importance of addressing food security and sustainability in the local community and beyond. Through a range of initiatives, MPSPC has made significant strides towards the realization of SDG 2.

## Providing Healthy and Affordable Food Choices for All on Campus



To support SDG 2, MPSPC has made it a priority to provide healthy and affordable food options at its canteens to students, faculty, staff, and the community. This includes offering nutritious meal choices at affordable prices, thus ensuring that students and staff have access to nourishing food without compromising their financial well-being.



## Graduates in Agricultural Technology



MPSPC offers programs in Agricultural Technology, producing graduates who are equipped with the knowledge and skills needed to contribute to sustainable agriculture practices. These graduates play a vital role in local food production and agricultural development. There were two graduates of the Degree Bachelor in Agricultural Technology and 17 graduates of the Diploma in Agricultural Technology in 2022. In the same year, six MPSPC alumni of the BAT program took and passed the Licensure Examination for Agriculturists.



## Access to Sustainable Agriculture Knowledge and Skills for Local Farmers

MPSPC has established programs and workshops to provide local farmers with the knowledge and skills necessary for sustainable agriculture. These initiatives include training sessions, demonstrations, and access to agricultural experts. Trainings on plant disease diagnosis and management and propagation of fruit trees through grafting and marcotting have been conducted by the faculty members of the Department of Agriculture and Forestry to 78 farmers and students. Also, a capability building on the formulation of the MPSPC compost and botanical pesticide benefited 25 farmers and students.





Training on Basic Tips of Plant Disease Diagnosis and Management



Training on the Propagation of Fruit Trees through Grafting and Marcotting



Capability Building on MPSPC Compost and Botanical Pesticide

Further, with coffee as MPSPC's priority commodity, trainings on coffee plantation establishment and management, soil sampling and on-farm fertility management for Arabica Coffee, and post-harvest handling have been conducted for the institution's farmer cooperators and collaborators.



Coffee Plantation Establishment and Management Training



Soil Sampling and On-Farm Fertility Management for Arabica Coffee Farmer Collaborators of MPSPC



Training on Post-Harvest Handling for Sagada Coffee Growers



SUSTAINABLE DEVELOPMENT GOALS

2 ZERO HUNGER



## Organizing Events for Local Farmers to Connect and Transfer Knowledge

The institution regularly organizes events such as Field Days and Harvest Festivals where local farmers can connect, share experiences, and transfer knowledge. These gatherings facilitate the exchange of best practices and innovative farming techniques, further strengthening the local agricultural community.

In March 2022, the Research Development and Extension Services conducted the activity, Technology Utilization through Field Day as part of the extension project titled LEARN & SHARE: A Community Pantry of Mountain Province State Polytechnic College which aims to address the issue of inadequate supply of clean planting materials and to support the CHED- CAR program that encourages State Universities and Colleges (SUCs) in the region to pitch in providing nutritious food to the community to ease the impact of the Covid-19 pandemic in the region. The activity was conducted in Lao-ingan demo farm, Lagawa with a noteworthy purpose of giving portions of various produce to the farmers of the community during the Field Day as part of community pantry which was established as a result of the Og-ogbo spirit of Filipinos and showcase insights on different adaptable farming systems in legume crop production of Lao-ingan farm to the farmers who are partakers of the activity. Fifty farmers benefited from the said activity.



*Participants harvest the bean pods of different legume varieties. Whatever they harvest will be theirs to bring home*

Also, a Field Day and integrated Backyard Orchard Establishment was conducted in November 2022 which was able to



train 40 young mothers on the proper preparation of area for planting fruit trees in their backyard and proper harvesting for air layered planting materials from the mother trees.



*Mr. Elmer Pakipac discusses his experiments on sweet potato crop*



## Access to College Facilities for Farmers

With the different extension projects, MPSPC extends its resources and facilities to local farmers, allowing them to utilize the infrastructure to improve sustainable farming practices. In December 2022, the college has launched the Montanosa Coffee Center to give a seed-to-cup experience not only to farmers but the whole MPSPC community and the public. With the establishment of the said center, coffee farmers would have access to post-harvest coffee processing equipment, coffee roasting machines and the cupping laboratory within the province.



In conclusion, Mountain Province State Polytechnic College is dedicated to achieving Sustainable Development Goal 2 - Zero Hunger. Through its humble initiatives, proactive steps are being undertaken to provide access to affordable and nutritious food options, educate the next generation of agricultural experts, empower local farmers with knowledge and skills, and facilitate knowledge transfer within the farming community. MPSPC remains committed to its role in achieving a world with zero hunger.



**SUSTAINABLE DEVELOPMENT GOALS**

**2 ZERO HUNGER**

