Acabado, A., et. al., ***Performance of Cucumber (Cucumis sativus) Using Different Organic Fertilizers***. Research and Development. Diploma in Agricultural Technology. Quezon National Agricultural School. December 2022.

The study was conducted at Brgy. Silangang Malicboy, Pagbilao, Quezon, from August 2022 to December 2022, to evaluate the performance of cucumber (Cucumis sativus) using different organic fertilizers. The treatments included CM + VC (Chicken Manure + Vermicast), CM + VC + FPJ (Chicken Manure + Vermicast + Fermented Plant Juice), CM + VC + FPJ + FFJ (Chicken Manure + Vermicast + Fermented Plant Juice + Fermented Fruit Juice), and a control group (no organic fertilizer).

The findings revealed that CM + VC + FPJ significantly improved weekly increments in the length and width of leaves, while CM + VC + FPJ + FFJ demonstrated the highest mean in fruit weight and number of harvested fruits. Statistical analysis indicated significant effects at 5% for weekly increments in leaf dimensions but not for final leaf size, fruit weight, or the number of fruits harvested. The results suggest that combinations of organic fertilizers, particularly CM + VC + FPJ + FFJ, can effectively enhance cucumber yield and growth metrics.