

Gapayao, S. M., et al., *Yield and Growth of Mustard (Brassica juncea) Using Different Levels of Chicken Manure Under Local Conditions of Pagbilao, Quezon*. Research and Development. Diploma in Agricultural Technology. Quezon National Agricultural School. October 2022.

This study was conducted at Quezon National Agricultural School, Silangang Malicboy, Pagbilao, Quezon, from August to October 2022, to evaluate the yield and growth of mustard (*Brassica juncea*) using different levels of chicken manure. The treatments included 10g, 20g, and 30g of chicken manure, with a control group receiving no manure.

Results showed that 30g of chicken manure produced the highest means for final length (10.31 cm) and width of leaves (6.84 cm), as well as weight of harvested foliage (48.60 g). Statistically significant effects were observed at the 5% and 1% levels for final leaf dimensions and weight of harvested foliage. Meanwhile, 20g of chicken manure resulted in the highest mean for the final number of leaves (8.06). These findings highlight the potential of 30g of chicken manure as an optimal level for mustard production under local conditions.