

Amparo, D. L., et al., *Performance of Mustard (Brassica juncea) Using Different Organic Fertilizers* Research and Development. Diploma in Agricultural Technology. Quezon National Agricultural School. October 2022.

The study was conducted at Quezon National Agricultural School, Pagbilao, Quezon, from August to October 2022, to evaluate the performance of mustard (*Brassica juncea*) using various organic fertilizers. The treatments included Fermented Fruit Juice (FFJ), Dried Goat Manure, Vermicast, and a control group (no organic fertilizer).

The findings revealed that Dried Goat Manure achieved the highest final weight of mustard, with a mean of 55.55 g. Meanwhile, the control group exhibited the best results in terms of final length (10.38 cm), width (5.21 cm), and number of leaves (7.03). Statistical analysis indicated significant differences at a 5% level for final weight but not for other parameters. The results suggest that while Dried Goat Manure enhances mustard weight, environmental factors alone can sustain other growth metrics effectively.