

ABSTRACT

Dequito, R. et al., **Performance of Upland Kangkong (*Ipomea reptans*) Under Different Mulches**. Research and Development. Diploma in Agricultural Technology. Quezon National Agricultural School. December 2022.

The study was conducted at Quezon National Agricultural School, Silangang Malicboy, Pagbilao, Quezon from October 2022 to December 2022 to determine the performance Okra (*Abelmoschus esculentus*) using different organic fertilizer under local condition of Pagbilao, Quezon. The following treatment were used, Treatment 1- 10ml of FFJ, Treatment 2- 10 ml of FPJ Treatment 3- 10 ml of IMO and Treatment 4- control. The following parameters were measured terms of fruit weight, final length of leaves, final width of leaves, final height of plants, and no. of fruit harvested.

Study shows significant effects at 5% and at 1% on the treatment of the study. It is to generalize that null hypothesis be accepted, that there are significant effects at 5% and 1% on the performance of okra using different organic fertilizer used in fruit weight. IMO has the highest mean effects of 3.057 in terms number of fruit weight harvested. It represents that IMO has positive effect. In terms of final length of leaves, Treatment 4 (Control) consists of the highest mean with 11.83, Treatment 3 (IMO) with 11.59, Treatment 1 (FFJ) with 11.27 and Treatment 2 (FPJ) with 10.67. There are no significant effects at 5% and at 1% on the treatment of the performance of okra using different organic fertilizer used in final length of leaves.