

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 evaluate the performance of Upland Kangkong (*Ipomea reptans*) under different mulches. The following treatment were used, Treatment 1 (Plastic Mulch), Treatment 2 (Rice Straw Mulch), Treatment 3 (Cocopeat Mulch) and Treatment 4 (Control - No Mulching).

Based on the results and findings of the study, Treatment 1 (Plastic Mulch) resulted to a significant effect among treatment in terms of width of leaves and length of leaves, followed by Treatments 3 (Cocopeat Mulch) ,Treatment 2 (Rice Straw Mulch), and Treatment 4 (Control) respectively. Furthermore, Treatment 3 (Cocopeat Mulch) show significant results in terms of plant height and weight of harvest, followed by Treatments 1 (Plastic Mulch), Treatment 2 (Rice Straw Mulch) and Treatment 4 (Control).