

## ABSTRACT

This study was conducted to evaluate the GROWTH AND YIELD OF CUCUMBER (CUCUMIS SATIVUS L.) AS AFFECTED BY (14-14-14) San Antonio, Pilar Capiz from March 7 to May 18, 2023. A Total of 120 sample plants were used in the study and randomly distribution in 12 plots. The experiment was laid out in a randomized Complete Block Design (RCBD) with four treatments replicate three time. The data gathered was statistically analyzed using statistix 8.1 computer software. The significant difference between treatment means was declared at a  $\alpha = 0.05$  using Tukey's honest significant difference (HSD) test.

The result of the study revealed that there was a highly significant difference in the growth performance of cucumber in terms of plant height at 20, 40 and 60 DAS. Applied with different levels of complete fertilizer (14-14-14). Meanwhile, yield performance of cucumber also showed a highly significant difference in term of; length of fruit per plant, weight of fruit per ten sample plants (first, second and third priming), weight of marketable and non-marketable fruit per ten sample plant( second priming ) applied with different levels of complete fertilizer (14-14-14) also showed significant effect.

Therefore, this study concluded that application of complete fertilizer on cucumber has a significant effect on its growth and yield. It was recommended to be used by the farmers to boost production.

Keywords: complete fertilizer, cucumber, fruit, growth, priming, and yield.