

ABSTRACT

The research was conducted in Meunasah Beunot Village, Nisam District, North Aceh Regency, which was carried out from June to July 2018 with an altitude of 80-100 meters above sea level (asl). The study used a factorial randomized block design with 3 replications. The results showed the provision of a concentration of liquid organic fertilizer affects the growth and yield of maize. The application of 14 ml / 1 liter of water (C3) liquid organic fertilizer is the best treatment in increasing the yield of flower cabbage, namely by observing the weight of the crop and the leaves and the weight of the crop. The application of bokashi fertilizer affected the growth and yield of cauliflower. The application of 900 g / polybag (B3) water bokashi fertilizer was the best treatment in observing plant height, number of leaves, leaf width, weight of crop and leaf, weight of crop crop and root length. There was an interaction due to the application of liquid organic fertilizer with bokashi fertilizer on the growth and yield of cauliflower. The combination of treatment of giving 14 ml / 1 liter of water organic liquid fertilizer with 900 g / polybag (C3B3) bokashi fertilizer is the best treatment in increasing the yield of cauliflower, namely the weight of the crop and the leaves and the weight of the cropping head.

Keywords: Cauli Flower, Liquid Organic Fertilizer, Bokasi Fertilizer.