

**THE EFFECT OF ADDITIONAL RICE WASHING WATER AS
ADDITIONAL FERTILIZER ON THE GROWTH AND YIELD OF
LETTUCE (*Lactuca sativa* L.)**

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ABSTRACT

Lettuce is a vegetable crop of high economic value in Indonesia, is in great demand and has good nutritional value, but with population growth continues to increase the challenge in an effort to increase the production of lettuce. This study aims to determine the results of giving rice washing water as an additional fertilizer to the growth and yield of lettuce research was carried out in February - May 2024 in Karang Sari RT01 RW02 Village, Kutowinangun District, Kebumen Regency. The research method used is a field experiment using a single factor that is the volume of rice washing water. Consists of 6 levels with 4 repetitions : 0, 15 , 30, 45, 60 and 75 ml of rice washing water / plant. The results showed that rice washing water had a significant effect on the parameters of height, plant leaf length, number of leaves, fresh weight per plant, economic fresh weight and Harvest Index and yield of lettuce compared to lettuce that was not given rice washing water. The volume of rice washing water that can increase the growth and yield of lettuce plants in the treatment of 60 ml/plant

Keywords : *lettuce, rice washing water, growth*