

# **Electric Field Application on Stomata Opening Plant Leaves To Increase Chili Productivity**

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## **ABSTRACT**

Increased crop productivity is indispensable for food security of the nation. Crop productivity can be improved by optimizing the absorption of foodstuffs during the process of photosynthesis occurs. Methods that can be done to optimize the absorption of nutrients from food, among others by applying sound sources in the plant. Application of the sound made by a specific frequency sound exposure. In this study has investigated the frequency of which can help the stomata open. Absorption eat, occurs when the stomata of the leaves quite open. Stomata observation method in this study has the advantage because the leaf stomata observations made by using digital electrical mikroskop in a state of the plant is still alive and without damaging the plants. Furthermore it can be seen the effect of sound on the same stomata

Kata Kunci: *frequency, stomata*