

***Design And Construction Of An Automatic Sprayer Fogging System For
Mushrooms Using Solidwork***

By

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ABSTRACK

One of the most crucial sectors for Indonesia's food security is agriculture. With a fairly large agricultural land, Indonesia is an agricultural country that truly dominates its agricultural sector. This is due to the conversion of agricultural land into various industries, agricultural production includes activities such as planting crops, raising livestock and processing agricultural products. Because mushrooms are used as cooking ingredients, people have known this plant species for a long time. One of the main natural resources in agriculture is mushrooms, mushrooms can be used to improve soil quality and increase crop yields. Design and construction of an automatic sprayer fogging system for mushrooms using solidwork. The purpose of this study is to realize the design of an Arduino-based temperature and humidity automation system modeling and to determine the value of air humidity when exposed to the temperature and humidity automation system tool. The way this tool design works uses the solidwork application where this tool uses plate material with dimensions, width, height, where this design uses 3D.

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