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Models and Techniques of Automatic Humidity Temperature setting on Oyster Mushrooms using Digital Skylite

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Abstract : Oyster mushroom cultivation in areas that have high temperatures requires special maintenance techniques. The development of technology now makes it easy to carry out maintenance treatments for oyster mushrooms. Not even a few can regulate temperature and humidity automatically in the cultivation room. With an automatic temperature regulator can facilitate maintenance and minimize the failure of oyster mushroom production. However, the humidity temperature setting is not perfect enough if there are no models and adjusting techniques. The model that will be made by using Digital Skylite which is connected to the current source, Digital Skylite functions as an automatic timer. The purpose of this research is to get the right tool design model using Digital Skylite and to see the correct length of time in the Digital Skylite settings. The method used in data collection in this study is Direct Observation (Observation), Observation is carried out by examining and observing the object under study directly. The results of the study were to obtain a maximum temperature regulation design model.

Keywords : oyster mushroom, Digital Skylite, temperature, humidity.

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