

**Kontrol Suhu Ruang Inkubasi Jamur Tiram Menggunakan
Sensor Suhu Lm35 Berbasis Arduino** (*Control Room Temperature
Incubation Oyster Mushrooms Using Arduino-Based LM35 temperature sensor*).

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ABSTRACT

Along with the popularity of the oyster mushroom is much that cultivate oyster mushrooms, for easy maintenance and promising earnings gains. But the development of fungi are also influenced by the weather, season, temperature and humidity. Oyster mushrooms can produce optimum fruiting bodies at a temperature range of 22-23 ° C, humidity 80-90% and the pH of the planting medium is slightly acid between 5-6. Over time the farmers turned out to have problems in controlling temperature and room temperature incubation kumbung mushrooms daily. Most of all mushroom growers assume that the incubation chamber is quite simply a confined space alone, but it turned out just the right temperature for the development of the mycelium nice that the closed room and with room temperature at 27 -28 ° C.

Keywords: climate control, incubation, arduino, LM35.