

SHORT COMMUNICATION

## Effect of media and temperature on the mycelial growth of oyster mushroom (*Pleurotus* sp.)

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In studies on effect of culture media and temperature on mycelial growth of three species of oyster mushroom (*Pleurotus* sp.), five culture media were tested for the growth of different *Pleurotus* sp. (*P. cystidiosus*, *P. populinus* and *P. ostreatus*). Among them growth of *P. cystidiosus* was significantly more on oat meal agar (42.00 mm). Whereas, growth of *P. populinus* and *P. ostreatus* growth were significantly more on potato dextrose agar (84.75 mm and 82.50 mm). All three species of oyster mushroom were tested for effect of different range of temperature and found that they grew well at 30°C temperature with maximum mycelial diameter 56.00 mm in *P. cystidiosus*, 87.00 mm in *P. populinus* and 48.00 mm in *P. ostreatus*.

**Key words:** *Pleurotus*, media, temperature, oyster mushroom