



Effects of wheat straw, leaves of date palm and alfalfa on oyster mushroom yield

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In the present experiment, *Pleurotus* mushroom was cultivated on different substrates including: A) leaves of date palm, B) wheat straw and C) chopped alfalfa. The results showed that total yield was higher in wheat straw (75%) supplemented with leaves of date palm 25% or media contain leaves date palm(50%)+ chopped alfalfa(50%). In first harvest ,there was an increase in yield with application of wheat straw(25%)+ leaves of date palm(50%) + chopped alfalfa(25%) or wheat straw (75%)+ leaves of date palm(25%) or leaves of date palm(50%)+ chopped alfalfa(50%). Also, results showed that chopped alfalfa or leaves of date palm can be mixed with wheat straw to decrease the time between cultivation and first harvest. More experiments should be done to evaluate the biochemical composition of oyster mushroom grown on these substrates .

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