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Yield of oyster mushroom on leaves of date palm and Bagasse

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In the present study, leaves of date palm and bagasse were used as supplementary substrate in order to produce oyster mushroom. Leaves of date palm at ratios of 0, 25 and 75% or bagasse (0 and 25%) were mixed with wheat straw. Results showed that total yield was the highest with the addition of 25 or 50% of date palm leaves + 25% bagasse. There was an increase in first yield by using leaves of date palm(50%) +bagasse (25%), but 25%bagasse 75% + leaves of date palm decreased the yield in first harvest.

Keywords: Mushroom, Wheat Straw, Yield, Date palm, Bagasse

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