International Journal of Applied and Natural Sciences (IJANS)
ISSN (P): 2319-4014; ISSN (E): 2319-4022
Vol. 6, Issue 1, Dec - Jan 2017; 65 - 68

International Academy of Science, Engineering and Technology
Connecting Researchers; Nurturing Innovations

EFFECT OF MOULD ON BIOLOGICAL EFFICIENCY OF *GANODERMA LUCIDUM* (LEYSS. EX FR. KARST)

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ABSTRACT

In Haryana condition, studies carried on cultivation of *G. lucidum* during 2013 and 2014, a combination of wheat straw + saw dust (1:1), having a 20% dosage of wheat bran as supplement and amended with calcium sulphate (3%) and calcium carbonate (1%), was filled in polypropylene bags, plugged, sterilized and inoculated with wheat grains based spawn @ 3%. The bags were placed in mushroom house at 30±1˚C with 90±1% relative humidity. During cultivation mould incidence was less in supplemented substrate (10.00%) as compare to un-supplemented (14.00%) substrate for two consecutive years and which resulted in lower down the biological efficiency from 27.52% to 20.18% respectively.

KEYWORDS: *Ganoderma Lucidum*, Substrates, Mould, Biological Efficiency