

# Cultivation Of Straw Mushroom *Volvariella Volvacea* Using

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### Cultivation Of Straw Mushroom *Volvariella*

#### **Cultivation of Paddy Straw Mushroom (*Volvariella volvacea*)**

Cultivation of Paddy Straw Mushroom (*Volvariella volvacea*) Paddy straw mushroom is an edible mushroom of the tropics and subtropics It was cultivated in China as early as in 1822 Around 1932-35, the straw mushroom was introduced into Philippines, Malaysia, and other South-East Asian countries by overseas Chinese

#### **Cultivation of Straw Mushroom (*Volvariella volvacea*) Using ...**

Cultivation of Straw Mushroom (*Volvariella volvacea*) Using Some Agro-Waste Material Onuoha, et al Preparation of Substrates: The straw was chopped manually and soaked in water for 24 hours The soaked straw was rinsed in distilled water twice and drained with a ...

#### **Technical Bulletin CULTIVATION TECHNOLOGY OF PADDY ...**

Cultivation Technology of Paddy Straw Mushroom (*Volvariella volvacea*) CHAPTER - I Introduction Paddy straw mushroom (*Volvariella volvacea*), commonly known as the straw mushroom, or the Chinese mushroom, belongs to the family Pluteaceae (Kotl & Pouz) of the Basidiomycetes (Singer, 1961) It is an edible mushroom of tropics and subtropics, and first

#### **Yield Evaluation of Paddy Straw Mushrooms *Volvariella* spp ...**

The cultivation of *Volvariella* spp has been tested in various agricultural by-products as substrates for the cultivation of the paddy straw mushroom Some of this wastes/agro-waste includes banana leaves, saw dust, rice bran, wheat bran, sugarcane baggage (Tripathy, 1999), wheat and ...

#### **Cultivation of *Volvariella bombycina* a temperate mushroom ...**

Cultivation of *Volvariella bombycina*, a temperate mushroom species Three distinguishing features of silver silk-straw mushroom, *V bombycina*, to those of *V volvacea* (growth and fruiting at lower temperature, superior shelf-life of fruit-bodies on storage at refrigerated conditions and slow

opening of ...

### **Improved techniques to enhance the yield of paddy straw ...**

Several cultivation methods are used for the cultivation of *Volvariella* spp in the tropics with varying temperature (30 to 35°C) and relative humidity (75 to 85%) (Quimio, 1993) However, the traditional methods of cultivation of paddy straw mushroom vary with countries, states and even regions In the present study, wide variations in the

### **FAQs on Paddy straw mushroom (*Volvariella volvacea* ...**

FAQs on Paddy straw mushroom (*Volvariella volvacea*) cultivation Sl No Question Answer 1 What is paddy straw mushroom? Paddy straw or straw mushroom is scientifically known as *Volvariella* and the commonly cultivated species is *V volvacea* Other important cultivated species are *V diplasia* and *V esculenta* 2 What is the nutritional

### **CULTIVATION OF MUSHROOM (*Volvariella volvacea*) ON ...**

Cultivation of Mushroom (*Volvariella volvacea*) on Various Farm Wastes in Obubra Local Government of Cross River State, Nigeria HN Ukoima 1, LO Ogbonnaya 2, GE Arikpo 3 and FN Ikpe 4

### **Training Manual on Mushroom Cultivation final version S.T ...**

344 *Volvariella volvacea* (Paddy straw mushroom, Chinese mushroom) 345 *Agaricus brasiliensis* (Royal Sun Agaricus, Himematsutake) 346 *Ganoderma lucidum* (Ling Zhi, Reishi) Mushroom cultivation has great scope in China, India and in some of other developing countries

### **Cultivation Techniques of Edible Mushrooms**

*Volvariella volvacea* known as paddy straw mushroom or straw mushroom is a species of edible mushroom cultivated throughout East and Southeast Asia and used extensively in Asian cuisines

### **Cultivation of mushroom (*Volvariella volvacea*) on banana ...**

Cultivation of mushroom (*Volvariella volvacea*) on banana leaves Belewu, M A\* and Belewu, KY Microbial Biotechnology and Dairy Science Laboratory, Department of Animal Production, University of Ilorin, Kwara State, Nigeria Accepted 9 September, 2005

### **A review: Production and postharvest management of ...**

A review: Production and postharvest management of *Volvariella volvacea* Abstract *Volvariella volvacea* (Family: Plutaceae), also more commonly known as paddy straw mushroom, is an edible mushroom with high nutritional content It is usually cultivated using lignocellulosic-based materials for enhanced production However, *V volvacea* is highly

### **Mushroom Cultivation R.P. Singh and K.K. Mishra**

1941 : Padwick reported successful cultivation of *Agaricus bisporus* from various countries but without much success in India 1947 : Thomas et al gave the details of cultivation of paddy straw mushroom (*V diplasia*) in Madras Asthana reported better yield of paddy straw ...

### **ISSN: 2276-7770 ICV: 6.15 Submission Date: 11/07/2015 ...**

Key words: *Volvariella volvacea* , fructification, supplemented substrates, high bed method INTRODUCTION The oil palm mushroom, *Volvariella volvacea* (Bull Ex Fr) Sing, also called the straw mushroom, is one of the most highly priced and preferred edible mushrooms in Ghana because of its taste, desirable flavour and medicinal value

### **Lead Accumulation in the Straw Mushroom, *Volvariella* ...**

Lead Accumulation in the Straw Mushroom, *Volvariella volvacea*, from Lead Contaminated Rice Straw and Stubble Straw mushrooms (*Volvariella*

volvacea) have been a popular delicacy in many countries, and the estimated production can be used for straw mushroom cultivation. The purpose

### **Sequencing and Comparative Analysis of the Straw Mushroom ...**

*Volvariella volvacea*, also known as the straw mushroom or Chinese mushroom, is an edible fungus that grows in tropical and subtropical regions. Most artificially cultivated straw mushrooms are produced in China where, in the 18th century, Buddhist monks of Nanhua Temple located in Guangdong Province

### **Characterization and optimization of fruit body yield in ...**

The paddy straw mushroom [*Volvariella volvacea* (Bull) Singer] normally forms dark grey or brownish coloured fruit bodies, and it leads to lesser acceptance in market compared to button mushroom with white or off-white fruit bodies. In the

### **Greenhouse gas emissions from rice straw burning and straw ...**

straw stacks with higher moisture content. In this study, rice straw burning threatened to generate more GHGs than straw-mushroom (*Volvariella volvacea* (Bull ex Fr) Singer) cultivation under the studied agroecosystems. Key words: greenhouse gases, Mekong Delta, straw burning, straw-mushroom cultivation, triple rice cropping. INTRODUCTION

### **Redalyc. Cultivo de *Volvariella volvacea* en residuos de la ...**

basidiomes, reaching biological efficiencies average of 256% on barley straw and 195% on pseudostem of banana. The results of the study demonstrated the feasibility of the cultivation of *V. volvacea* under rustic conditions in the tropical and subtropical areas of Mexico. Key words: *Volvariella volvacea*, mushroom cultivation, banana crop

### **A Classification of the Stages in the Growth Cycle of the ...**

One of the earliest records of a cultivated mushroom was that of a *Volvariella* from a market in North Africa (Singer, 1961). The cultivation of *Volvariella* in Southern China has also been known from ancient times. The name paddy straw mushroom has been used to describe the cultivated members of the genus *Volvariella* Spegazzini (Singer, 1962).