**PENGARUH MACAM MEDIA DAN BOBOT BIBIT TERHADAP PERTUMBUHAN DAN HASIL JAMUR MERANG**

**Eko Rahmadi**

**14012085**

**INTISARI**

Jamur merupakan organisme yang tidak berklorofil dan termasuk golongan heterotrofik. Jamur merang dapat tumbuh pada media yang mempunyai kandungan selulosa seperti limbah pertanian. Penelitian ini bertujuan untuk mengetahui pengaruh macam media dan bobot bibit terhadap pertumbuhan dan hasil jamur merang. Penelitian dilakukan pada bulan Maret sampai April 2016 bertempat di desa Polaman Agrorejo Kecamatan Sedayu, Kabupaten Bantul Yogyakarta. Penelitian berada pada ketinggian 87,50 meter di atas permukaan laut (mdpl). Penelitian ini merupakan percobaan faktorial yang disusun dalam Rancangan Acak Lengkap (RAL). Faktor pertama terdiri dari 4 aras yaitu jerami padi 100%, alang-alang 100%, jerami padi 50% + alang-alang 50%, jerami padi 75% + alang-alang 25%, faktor kedua terdiri dari 2 aras yaitu bobot bibit 110 dan 165 gram. Masing – masing perlakuan diulang 3 kali. Hasil penelitian menunjukkan macam media jerami padi 100% dan 75% + alang-alang 25% menghasilkan pertumbuhan dan hasil jamur merang yang lebih baik.

Kata kunci : jamur merang, macam media, bobot bibit.

***EFFECT OF VARIOUS MEDIUM AND SEEDLING WEIGHT ON GROWTH AND YILED OF STRAW MUSHROOM***

**Eko Rahmadi**

**14012085**

***ABSTRACT***

*Mushrooms are organisms that don’t have chlorophyll and heterotrophic. Straw mushroom can be grown on media which has a high cellulose content which is agricultural waste. This study aimed to effect of various medium and seedling weight on growth and yiled of straw mushroom . This research was conducted on March to April 2016, in the village of Polaman Agrorejo Sedayu Subdistrict, Bantul Yogyakarta. Began at a height of 87,50 meters above sea level (masl). This research was a factorial experiment ware arrange in a completely randomized design (CRD). The first factor consists of four arangge that the rice straw 100%, reed 100%, rice straw 50% + reed 50%, rice straw 75% + reed 25%. The second factor consist of two arrange is the seedling weight 110 and 165 grams. Each of treatment was 3 replicated. The results showed media of the rice straw 100% and 75% + 25% showed that on growth and yield of straw mushroom is the best.*

*Keywords: straw mushroom, medium types, seed weight.*