PENGARUH TAKARAN BENIH F2 DARI MEDIA PADI DAN JAGUNG TERHADAP PERTUMBUHAN DAN HASIL JAMUR TIRAM PUTIH

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INTISARI

Penelitian tentang pengaruh takaran bibit F2 dari media padi dan jagung terhadap pertumbuhan dan hasil jamur tiram putih dilaksanakan di UPT Kaliurang, Argomulyo, Sedayu, Bantul, dengan ketinggian tempat 160 mdpl, dimulai bulan Oktober 2018 sampai dengan bulan Februari 2019. Penelitian ini merupakan penelitian dengan metode percobaan (eksperimen), 2 faktor yaitu takaran bibit F2 dan macam media bibit, unit percobaan ditata dalam Rancangan Acak Kelompok Lengkap (RAKL) dengan 6 perlakuan, 4 ulangan, 9 sampel sehingga jumlah unit percobaan keseluruhan ada 216 unit. Macam media bibit F2 yang digunakan adalah media utama biji padi takaran 4 gram/baglog, 7 gram/baglog, 10 gram/baglog dan media utama biji jagung takaran 4 gram/baglog, 7 gram/baglog, 10 gram/baglog. Data yang diperoleh dari penelitian dianalisis dengan analisis varians pada taraf kepercayaan 5%. Hasil penelitian penggunaan bibit F2 jamur tiram dari media utama biji padi takaran 4 gram/baglog, 7 gram/baglog serta media utama biji jagung takaran 7 gram/baglog memberikan pertumbuhan miselium yang terbaik. Hasil total panen jamur tiram dengan penggunaan media bibit jagung takaran 10 gram/baglog menunjukkan hasil panen yang terbaik.

Kata kunci : Takaran bibit F2, macam media bibit F2, pertumbuhan dan hasil, jamur tiram putih

THE INFLUENCE OF F2 SEED SIZE FROM RICE AND CORN MEDIA ON GROWTH AND YIELD OF WHITE OYSTER MUSHROOM

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ABSTRACT

Research on the effect of F2 seed size from rice and corn media on growth and yield of white oyster mushrooms was conducted in UPT Kaliurang, Argomulyo, Sedayu, Bantul, with altitude of 160 mdpl, starting from October 2018 until February 2019. This research was a research with experimental method, 2 factors are the size of F2 seedlings and kinds of seed media, That is experimental units are arranged in Completely Randomized Block Design (CRBD) with 6 treatments, 4 repetition, 9 samples so that there are 216 units of experiment units. Kinds of F2 seed media used are the main media of 4 grams rice seeds/baglog, 7 grams/baglog, 10 grams/baglog and the main media is 4 grams cron seeds/baglog, 7 grams/baglog, 10 grams/baglog. Data obtained from the study were analyzed by variance analysis at 5% confidence level. The results of the research of the use of F2 oyster mushroom seeds from the main media 4 grams rice seeds/baglog, 7 grams/baglog as well as the main media measuring 7 grams of corn seeds/baglog provide the best growth of mycelium. The total yield of oyster mushroom with the use of 10 grams corn seeds/baglog media showed the best yield.

Keywords: Dose of F2 seedlings, kinds of seed media F2, growth and yield, white oyster mushroom