

Pengaruh perbedaan jenis dan dosis pupuk kandang pada media lumpur terhadap kelimpahan populasi cacing sutera (*Tubifex* sp) sebagai pakan alam i pada budidaya perikanan

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=131670&lokasi=lokal>

Abstrak

This study was conducted to determine the influence of various types and doses of fertilizer in the mud media for the silkworm population abundance (*tubifex* sp). Fertilizer contain high nutrient elements are useful as food for silk worms so that they can grow on silkworms population in the mud medium. This study used 27 aquarium ,size 50 cm x 30 cm x 25 cm. This experiment using a completely randomized factorial design with nine treatments and three replicates. The treatment consist of two factors that the type and dose, includes: chicken manure with a dose of 20%,40% and 60%,with a dose of duck manure 20%,40% and 60% and cow dung with a dose of 20%,40% and 60%.Earthworm population data for 10 days after the study were analyzed by analysis of variance followed by the least significant difference test to determine differences among the treatments. Results from the study indicate that differences in type and dose fertilizer sludge influence on the media ($P<0.05$) in the population abundance of silk worm (*tubifex* sp) .Chicken manure fertilizer types and doses of 60% gave the best results with an average population abundance of 215 individuals.