

Pemanfaatan limbah dan hama pertanian sebagai bahan pakan ikan nila gift (*Oreochromis niloticus*)

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Abstrak

The use of agricultural wastes and pest as fish feed: experiment on the use agricultural waste and pest as feed for nila gift has been conducted at situ Puspa. Kampus University of Indonesia, Depok, using 9 mini cage culture. This experiment using randomized complete design with 3 treatments (2 kind of artificial feeds and 1 commercial feed) and 3 replication, Artificial feed I made from keong emas, ampas tahu, kepala udang, kepala ikan, and dedak halus. Artificial feed II made by the same materials without fish heads. The result shows that growth rate of fish which consumed by artificial feed I similar with growth rate of fish consumed commercial feed. Production of the former fish larger than the later ones. According to food conversion ratio (FCR) values, giving artificial feed I more efficient than commercial feed. Nila gift which consumed artificial feed I has lowest mortality.