

RINGKASAN

KARTIKA ANGGA DWI PRATIWI. Manajemen Pemberian Pakan pada Pendederan Ikan Nila Larasati (*Oreochromis niloticus*) di Satker PBIAT Janti, Klaten-Jawa Tengah. Dosen Pembimbing Dr. Laksmi Sulmartiwi, S.Pi., MP.

Ikan nila Larasati singkatan dari Nila Merah Strain Janti. Nila larasati merupakan persilangan antara nila hitam GIFT dengan nila merah albino Singapura. Ikan larasati salah satu komoditas penting dan andalan pembudidaya ikan air tawar di Indonesia khususnya Propinsi Jawa Tengah. Tujuan Praktek Kerja Lapang di Satker PBIAT Janti adalah untuk mengetahui dan memahami manajemen pemberian pakan pada pendederan ikan nila larasati dan faktor-faktor yang perlu diperhatikan dalam pendederan ikan nila Larasati.

Praktek Kerja Lapang ini dilaksanakan di Satker PBIAT Janti, Kabupaten Klaten, Propinsi Jawa Tengah pada tanggal 12 Januari sampai 12 Februari 2013. Metode kerja yang digunakan dalam Praktek Kerja Lapang ini adalah metode deskriptif dengan pengambilan data meliputi data primer dan data sekunder. Pengambilan data dilakukan dengan cara partisipasi aktif, observasi, wawancara dan studi pustaka.

Kegiatan manajemen pemberian pakan pada pendederan ikan nila larasati di Satker PBIAT Janti terdiri dari jenis pakan pada pendederan I berbentuk serbuk yaitu pellet nila yang telah digiling dan ditambah pakan udang dengan perbandingan 3:1, dosis yang di berikan sebanyak 30% dari berat ikan, cara pemberian dilakukan menyebarkan pakan dengan mengelilingi kolam. Pendederan II jenis pakan yaitu pellet nila yang telah dibasahi oleh air sehingga pakan bertekstur remah atau lunak, dosis yang digunakan sebanyak 20% dari berat ikan, cara pemberian pakan dilakukan pada satu tempat didekat pintu pemasukan air atau *inlet*. Kandungan pakan pellet nila memiliki protein 32%, lemak 6%, serat kasar 4,5%, abu 11%, kandung air 12% dan pakan udang memiliki protein 40%, kadar air 12%, lemak 6%, serat kasar 3%. Kualitas air yang terukur adalah suhu berkisar 26-31°C, oksigen terlarut (DO) sebesar 6 mg/L, dan derajat keasaman (pH) sebesar 7-8.

SUMMARY

KARTIKA ANGGA DWI PRATIWI. Feeding Management on Larasati Tilapia (*Oreochromis niloticus*) Hatchery at Satker PBIAT Janti, Klaten-Central Java. Academic Advisor Dr. Laksmi Sulmartiwi, S.Pi., MP.

Larasati tilapia is an abbreviation of *Nila Merah Strain Janti* or Red Tilapia Janti Strain. Larasati tilapia is a cross-breed between GIFT black tilapia and Singapore red albino tilapia. Larasati fish is one of important commodity and has a great potential for fresh water fish farmer in Indonesia, especially Central Java. The purposes of the field work practice at Satker PBIAT Janti were to know and understand the feeding management and factors that were needed to be considered during Larasati tilapia nursery.

This field work practice was done at Satker PBIAT Janti, Klaten, Central Java on January 12th until February 12th 2015. The work method that was used in this field work practice was descriptive method with primary and secondary datas. Datas were taken from active participation, observation, interviews, and literature studies.

Feeding management activities on Larasati tilapia nursery at Satker PBIAT Janti was consisted of nursery I and nursery II. The type of feed that was given in nursery I was kind of powder from grinded tilapias pellets and added with shrimp pellets by 3:1 comparison. The food was scattered around the pond so all the larvaes would get the food. The type of food that was given in nursery II was tilapia pellet that wetted with water so the food texture would be crunchy and soft. The purpose was to make it easy for the Larasati tilapia to digest. The dosage used was 20% from fish mass. The food was given in a spot near the water entry or inlet. The tilapia pellet consisted of 32% protein, 6% fat, 4,5% crude fiber, 11% ash, and 12% water. The shrimps pellets consisted of 40% protein, 12% water, 6% fat, and 3% crude fiber. According to some measurements that were performed, the water temperature ranged 26°-31°C, the dissolved oxygen (DO) was 6 mg/L, and the pH was 7-8.