

RINGKASAN

DZAQI ZULIAN, ANDITA DWI PRASTYA, M. MISBACHUL MUSTOFA.
Pembesaran Udang Vaname *Litopenaeus vannamei* Sistem Intensif di PT.
Pyramide Paramount Indonesia, Lamongan, Jawa Timur. Dosen
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Udang vaname merupakan komoditas penting di Indonesia yang dapat tumbuh dengan cepat. Keunggulan lain yang dimiliki udang vaname dibandingkan udang windu adalah jangkauan salinitas luas, rasio konversi pakan rendah dan kebutuhan protein yang rendah pula. Selain itu, udang vaname dapat dibudidayakan dengan kepadatan tinggi, sehingga dapat digunakan sistem intensif untuk meningkatkan produktivitasnya.

Tujuan praktek kerja lapang ini adalah mempelajari secara langsung tentang teknik pembesaran udang vaname *Litopenaeus vannamei* di PT. Pyramide Paramount Indonesia dan mengetahui permasalahan yang ada dalam proses pembesaran udang vaname.

Pelaksanaan praktek kerja lapang dilaksanakan di PT. Pyramide Paramount Indonesia, Lamongan, Jawa Timur pada tanggal 23 Januari- 23 Februari. Kerja Lapang ini adalah metode deskriptif dengan pengambilan data primer dan sekunder. Pengambilan data dilakukan dengan cara partisipasi aktif, observasi, wawancara, dan studi pustaka.

Kegiatan pembesaran udang vaname di PT. Pyramide Paramount Indonesia (PPI) terdapat 38 petak kolam dan 6 kolam tandon yang siap digunakan dalam pembesaran udang. Sarana dan prasarana yang lengkap meliputi alat-alat laboratorium, pompa air, *paddle wheel*, bangunan tempat tinggal, kantor, dapur serta alat transportasi. Kegiatan budidaya dimulai dengan persiapan kolam, pengisian air, penebaran benih, manajemen pakan, kontrol kualitas air dan pemanenan. Pengecekan kualitas air dan sampling udang terus dilakukan sampai masa panen. Permasalahan yang muncul yaitu adanya wabah *white feces disease (WFD)* yang belum ada obatnya. Peningkatan produksi udang vaname dapat dicapai dengan melakukan sterilisasi yang baik dan tindakan pencegahan.

Kata kunci : Pembesaran, udang vaname, sistem intensif

SUMMARY

DZAQI ZULIAN, ANDITA DWI PRASTYA, M. MISBACHUL MUSTOFA.
Grow Out of Vaname Shrimp *Litopenaeus vannamei* Culture With High Density at PT. Pyramide Paramount Indonesia, Lamongan, Jawa Timur.
Academic advisor by Akhmad Taufiq Mukti.

Vaname shrimp is important commodity in Indonesia that can grow quickly. Other advantages of vaname shrimp than tiger shrimp are wide-ranging salinity, low feed conversion ratio and low protein requirements. Furthermore, vaname shrimp can be cultivated with high density, so it can be used intensive system to increase its productivity.

The purpose of this field practice is to learn directly about intensive system of vaname shrimp *Litopenaeus vannamei* growth techniques in PT. Pyramide Paramount Indonesia and know the problems that exist in the process of vaname shrimp growth techniques.

The implementation of field practice carried out at PT. Pyramide Paramount Indonesia, Lamongan, East Java on 23 January to 23 February 2017. Field practice is a descriptive method with primary and secondary data collection. Data collection is done by active participation, observation, interview, and literature study.

Vaname shrimp cultivation activity in PT. Pyramide Paramount Indonesia (PPI) consists of 38 pool and 6 reserve pools ready for use in shrimp enlargement. Complete facilities and infrastructure include laboratory equipments, water pumps, paddle wheels, residential buildings, offices, kitchens and transportations. Cultivation activities begin with pond preparation, water filling, fry distribution, feed management, water quality control and harvesting. Water quality checks and shrimp sampling continue until harvest time. The problem that exists is the outbreak of *white feces disease (WFD)* which has no cure. Increased production of vaname shrimp can be achieved by performing good sterilization and early preventive.

Key words: Culture, vaname shrimp, high density