INTISARI

PENGARUH PENAMBAHAN TEPUNG SILASE JEROAN TUNA DALAM PAKAN TERHADAP LAJU SINTASAN DAN PERTUMBUHAN LELE DUMBO (*Clarias* sp.)

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Penelitian ini bertujuan untuk mengetahui pengaruh penambahan tepung silase jeroan tuna dalam pakan terhadap laju sintasan dan pertumbuhan lele dumbo (*Clarias* sp.). Penelitian dilakukan secara eksperimen menggunakan Rancangan Acak Lengkap (RAL) dengan enam perlakuan dan tiga ulangan. Perlakuan meliputi P1 (100 % TI); P2 (75 % TI : 25 % TSI); P3 (50 % TI : 50 % TSI); P4 (25 % TI : 75 % TSI); P5 (100 % TSI); P6 (Pakan ikan komersial). Kandungan protein pakan uji berkisar 27,77 – 33,94 %. Penelitian dilakukan selama 60 hari dengan menggunakan bak fiber ukuran 50 x 50 x 60 cm³ dengan kepadatan 30 ekor/bak. Pemberian pakan sejumlah 7 % dari biomassa dengan frekuensi sebanyak dua kali sehari. Hasil penelitian menunjukkan bahwa laju sintasan tertinggi dihasilkan pada perlakuan penambahan tepung silase jeroan tuna sebesar 75 %. Pertumbuhan tertinggi dihasilkan oleh perlakuan tanpa penambahan silase jeroan tuna.

Kata kunci: jeroan tuna, lele dumbo, pertumbuhan, silase, tepung silase.

ABSTRACT

THE EFFECT OF ADDITION TUNA VISCERA SILAGE MEAL IN DIETS FOR SURVIVAL RATE AND GROWTH RATE OF CATFISH (*Clarias* sp.)

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This study aimed to determine the effect of addition tuna viscera silage meal in diets on survival and growth rate of the catfish (*Clarias* sp.) The experiment used Completely Randomized Design (CRD) with six treatments in triplicate. The composition were, P1 (100% TI); P2 (75% of IT: 25% TSI); P3 (50% of IT: 50% TSI); P4 (25% of IT: 75% TSI); P5 (100% TSI); P6 (commercial fish feed). The protein content for daily diets was 27,77 – 33,94%. The study was conducted for 60 days by using fiber tub measuring 50 x 50 x 60 cm^3 with a density of 30 fish / tub. Feed was given twice a day from 7% of the biomass. The results showed that highest survival rate in the study was produced by treatments with the addition tuna viscera silage meal by 75 %. The highest growth in the study was produced by feed without addition tuna viscera silage meal.

Keywords: catfish, silage meal, growth, silage, tuna viscera.