

Pengaruh pemberian pakan alami yang berbeda terhadap sintasan dan pertumbuhan benih ikan

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Abstrak

Penelitian pemberian pakan alami yang berbeda terhadap sintasan dan pertumbuhan benih ikan palmas (*Polypterus senegalus senegalus*, Cuvier, 1829) dilakukan di LORIBIHAT. Metode Rancangan Acak Lengkap dilakukan dengan 3 perlakuan dan 5 kali ulangan. Perlakuan pemberian pakan berupa Moina, larva Culex, dan Tubifex secara ad-libitum yang dilakukan hingga benih ikan mencapai panjang total ± 3 inci. Tiap ulangan terdiri dari 8 ekor benih ikan dengan panjang total $\pm 0,87$ inci. Hasil penelitian dari parameter sintasan dan pertumbuhan yang dihitung berupa laju sintasan, penambahan berat, dan penambahan panjang berturut-turut adalah Tubifex (97,50 %; 3,00 g; 2,11 inci), larva Culex (92,50%; 1,69 g; 1,70 inci), dan Moina (72,50%; 0,61 g; 1,06 inci).

<hr>Study of different of natural feeds on survival and growth of palmas fish (*Polypterus senegalus senegalus*, Cuvier, 1829) juvenile was conducted at LORIBIHAT. Completely randomized design was used with 3 treatments and 5 replicates. Feeding treatment consist of Moina, Culex larvae, and Tubifex that was given by ad-libitum method until fish juvenile reach total length ± 3 inches. Each replicate consist of 8 fish juvenile with ± 0.87 inches. Result of survival and growth parameter that was counted are survival rate, increasing of the length and weight repeatedly are Tubifex (97.50 %; 3.00 g; 2.11 inches), Culex larvae (92.50 %; 1.69 g; 1.70 inches), and Moina (72.50 %; 0.61 g; 1.06 inches).