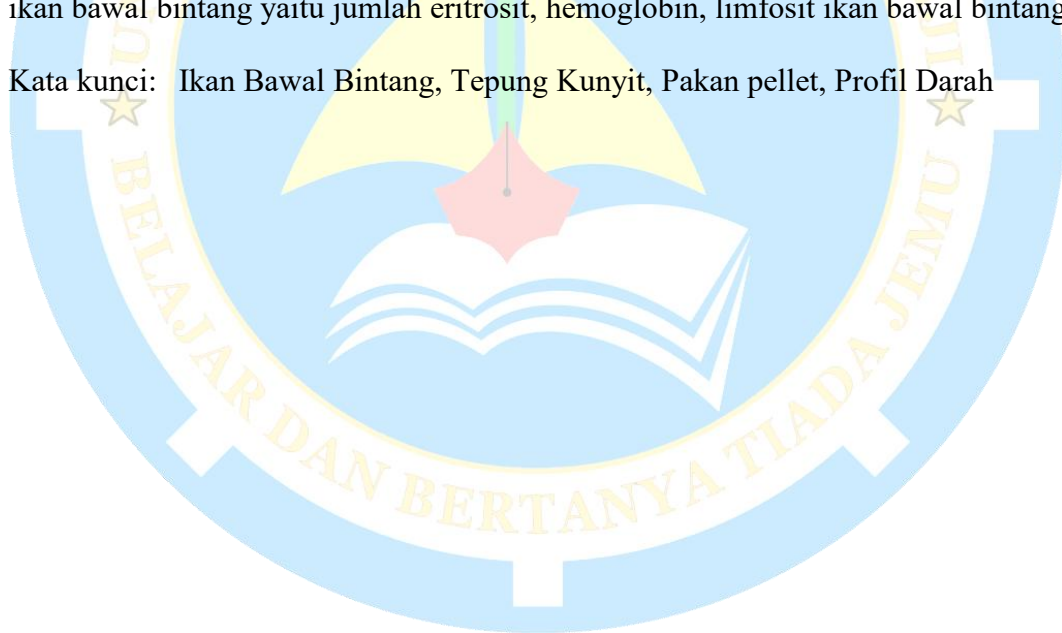


RINGKASAN

Tiarda Monika Situmorang. Profil Darah Ikan Bawal Bintang (*Trachinotus blochii*) yang Diberi Tepung Kunyit pada Pakan Pellet. Dibimbing oleh Shavika Miranti, S.Pi., M.Si dan Okto Rimandi Bakkara, S.Pi., M.Si.

Kunyit merupakan salah satu fitobiotik yang berfungsi untuk mengaktifkan dan meningkatkan sel pertahanan tubuh. Penelitian ini bertujuan untuk melihat pengaruh penambahan tepung kunyit dalam pakan pellet terhadap profil darah ikan bawal bintang. Penelitian ini dilaksanakan pada bulan Maret 2023. Pemeliharaan ikan dilakukan di Kampung Teluk Air, Kelurahan Setokok, Kecamatan Bulang, Kota Batam, Provinsi Kepulauan Riau. Sedangkan untuk pengamatan uji darah dilakukan di Laboratorium Penguji Kesehatan Ikan dan Lingkungan BPBL Batam dan Laboratorium *Marine Biology* Fakultas Ilmu Kelautan dan Perikanan, Universitas Maritim Raja Ali Haji. Metode penelitian yang digunakan adalah eksperimental menggunakan Rancangan Acak Lengkap (RAL) dengan 4 perlakuan dan 3 ulangan yaitu perlakuan Kontrol (tanpa penambahan tepung kunyit), perlakuan A (tepung kunyit 10 gram/kg pakan), perlakuan B (tepung kunyit 15 gram/kg pakan) dan perlakuan C (tepung kunyit 20 gram/kg pakan). Hasil penelitian menunjukkan selama 14 hari pemeliharaan didapat bahwa perlakuan B memberikan pengaruh nyata terhadap profil darah ikan bawal bintang yaitu jumlah eritrosit, hemoglobin, limfosit ikan bawal bintang.

Kata kunci: Ikan Bawal Bintang, Tepung Kunyit, Pakan pellet, Profil Darah



SUMMARY

Tiarda Monika Situmorang. Blood Profile of Star Pomfret (*Trachinotus blochii*) Fed with Turmeric Flour in pelleted Feeds. Supervised by Shavika Miranti, S.Pi., M.Si and Okto Rimandi Bakkara, S.Pi., M.Si

Turmeric is one of the phytobiotics that functions to activate and enhance the body's immune defenses. This research aims to investigate the effect of adding turmeric powder to pellet feed on the blood profile of star pomfret. The study was conducted in March 2023 in Teluk Air Village, Setokok Subdistrict, Bulang District, Batam City, Riau Islands Province. The fish were raised at this location, and the blood analysis was carried out at the Health and Environmental Fish Testing Laboratory of BPBL Batam and the Marine Biology Laboratory of the Faculty of Marine Science and Fisheries, Raja Ali Haji Maritime University. The research method used was experimental with a Completely Randomized Design (CRD) consisting of 4 treatments and 3 replications: Control (without the addition of turmeric powder), Treatment A (10 grams/kg of turmeric powder in the feed), Treatment B (15 grams/kg of turmeric powder in the feed), and Treatment C (20 grams/kg of turmeric powder in the feed). The results of the study showed that during the 14-day maintenance period, treatment B significantly affected the blood profile of star pomfret fish, including the number of erythrocytes, hemoglobin and lymphocytes of the star pomfret.

Keywords: Star Pomfret, Turmeric Powder, pellet Feed, Blood Profile.

