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Research Article

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## Assessment of *Sparus aurata* (Gilthead Seabream) stock in Bardawil lagoon, southeast Mediterranean Sea

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During present study period from October 2020 to April 2021, gilthead seabream *Sparus aurata* stock was estimated by using many assessment models to evaluate actual status on Bardawil lagoon. Length at first capture (Lc) was 17.10 and 16.70 cm for females and males respectively, but it was 16.9 cm for all individuals that corresponding age at first capture ( $t_c = 2.49$  ye ...

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## Effect of pawpaw seed meal using various inclusion level on the gonad structure of *Oreochromis Niloticus* (gift)

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This study investigates the effect of pawpaw seed meal using various level of inclusion in regulating procreation in *Oreochromis niloticus* (gift strain) via morphology (percentage defective sperm cells) as well as gonads using biomarkers. The pawpaw seed powder was compounded to a 2mm tilapia feed at 35% crude protein at 2, 4 and 6g per kg diet. A total of twenty (20) ...

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