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RESEARCH REPORTS

Sustainable Aquaculture for a Secure Future

Title: Reproductive variation in wild females of *Centropomus parallelus* by using the diameter of oocytes

Author(s): María de Jesús Contreras García*, Wilfrido M. Contreras-Sánchez Alejandro Mcdonal-Vera, Ulises Hernández-Vidal, Juan Manuel Vidal López, Carlos A. Álvarez-González, and Salomón Páramo-Delgadillo

1. Tropical Aquaculture Laboratory, Academic Division of Biological Sciences, Universidad Juarez Autonoma de Tabasco Km. 0.5 Road Vhsa - Cardenas, junction to Forest Saloya 86039 Villahermosa, Tab.

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Abstract: AquaFish will not be distributing this publication. Copies may be obtained by writing to the authors.

The present paper describes the variation in reproductive females *Centropomus parallelus* using oocyte diameter along the sampling time; the maturity thereof shall be determined and this value was used as an indicator to apply hormone treatments and induce spawning . It was determined that the breeding season for the people of Tabasco coast this species occurs from October to March, being the ideal month for spawning induction by observing females with average diameters of oocytes 426.07 ± 37.54 microns March. For the month of October diameters smaller oocytes with 324.86 ± 105.02 microns were observed.

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