Accepted Manuscript

Effects of dietary administration of inosine on growth, immune response, oxidative stress and gut morphology of juvenile amberjack, *Seriola dumerili*

Md. Sakhawat Hossain, Shunsuke Koshio, Manabu Ishikawa, Saichiro Yokoyama, Nadia Mahjabin Sony, Md. Abdul Kader, Mayumi Maekawa, Takeshi Fujieda

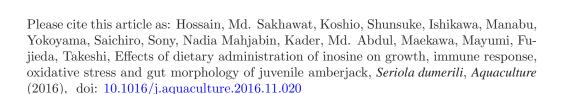
PII: S0044-8486(16)30968-1

DOI: doi: 10.1016/j.aquaculture.2016.11.020

Reference: AQUA 632417

To appear in: Aquaculture

Received date: 22 August 2016 Revised date: 11 November 2016 Accepted date: 12 November 2016



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Effects of dietary administration of inosine on growth, immune response, oxidative stress and gut morphology of juvenile amberjack, *Seriola dumerili*

Md. Sakhawat Hossain ^{a, b,c*}, Shunsuke Koshio ^{a, b}, Manabu Ishikawa ^{a, b}, Saichiro Yokoyama ^a, Nadia Mahjabin Sony^a, Md. Abdul Kader ^{a, d}, Mayumi Maekawa ^e, Takeshi Fujieda ^e

^aLaboratory of Aquatic Animal Nutrition, Faculty of Fisheries, Kagoshima University, Shimoarata 4-50-20, Kagoshima 890-0056, Japan

^bThe United Graduate School of Agricultural Sciences, Kagoshima University, Korimoto 1-21-24, Kagoshima 890-0065, Japan

^cDepartment of Aquaculture, Faculty of Fisheries, Sylhet Agricultural University, Sylhet-3100, Bangladesh

^dSchool of Fisheries and Aquaculture Sciences, Universiti Malaysia Terengganu, Kuala Terengganu 21030, Malaysia.

^eResearch Institute for Bioscience Products & Fine Chemicals, Ajinomoto Co., Inc., Kawasaki, Kanagawa, 210-8681, Japan

*Corresponding Author

Md. Sakhawat Hossain

Laboratory of Aquatic Animal Nutrition

Faculty of Fisheries, Kagoshima University

Shimoarata 4–50–20; Kagoshima City; Kagoshima 890–0056, Japan

Phone: +81 99 286 4182; Fax: +81 99 286 4184

Email: fishsakhawat@yahoo.com

1

Download English Version:

https://daneshyari.com/en/article/5539476

Download Persian Version:

https://daneshyari.com/article/5539476

<u>Daneshyari.com</u>