

Accepted Manuscript

Use of response surface methodology to determine optimum diets for *Venerupis corrugata* larvae: effects of ration and microalgal assemblages

Alejandra Fernández-Pardo, Fiz da Costa, Diego Rial, Susana Nóvoa, Dorotea Martínez-Patiño, José Antonio Vázquez

PII: S0044-8486(15)30233-7
DOI: doi: [10.1016/j.aquaculture.2015.11.005](https://doi.org/10.1016/j.aquaculture.2015.11.005)
Reference: AQUA 631903

To appear in: *Aquaculture*

Received date: 2 August 2015
Revised date: 3 November 2015
Accepted date: 4 November 2015



Please cite this article as: Fernández-Pardo, Alejandra, da Costa, Fiz, Rial, Diego, Nóvoa, Susana, Martínez-Patiño, Dorotea, Vázquez, José Antonio, Use of response surface methodology to determine optimum diets for *Venerupis corrugata* larvae: effects of ration and microalgal assemblages, *Aquaculture* (2015), doi: [10.1016/j.aquaculture.2015.11.005](https://doi.org/10.1016/j.aquaculture.2015.11.005)

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.

Use of response surface methodology to determine optimum diets for *Venerupis corrugata* larvae: effects of ration and microalgal assemblages

Alejandra Fernández-Pardo¹, Fiz da Costa^{2*}, Diego Rial³, Susana Nóvoa¹, Dorotea Martínez-Patiño¹, José Antonio Vázquez⁴

¹Centro de Cultivos Mariños, Consellería do Mar, Xunta de Galicia, Ribadeo (Lugo), Spain

²Novostrea Bretagne, Route du Vieux Passage, Banastère, 56370 Sarzeau, France

³CIIMAR Interdisciplinary Centre of Marine and Environmental Research, Laboratory of Ecotoxicology and Ecology, University of Porto, Rua dos Bragas, 289, 4050-123 Porto, Portugal

⁴Grupo de Reciclado e Valorización de Resíduos (REVAL), Instituto de Investigacións Mariñas (IIM-CSIC), C/Eduardo Cabello, 6, CP 36208, Vigo, Spain

***Corresponding author:** Fiz da Costa, E-mail address: fizdacosta37@gmail.com

Abstract

Microalgal quantity and quality are major factors affecting bivalve larval growth. Effects of ration using bi-specific diets assemblages with varying proportions of the flagellate *Isochrysis galbana* and the diatom *Chaetoceros neogracile* were evaluated on *Venerupis corrugata* larval development. Response surface methodology was used to

Download English Version:

<https://daneshyari.com/en/article/8494036>

Download Persian Version:

<https://daneshyari.com/article/8494036>

[Daneshyari.com](https://daneshyari.com)