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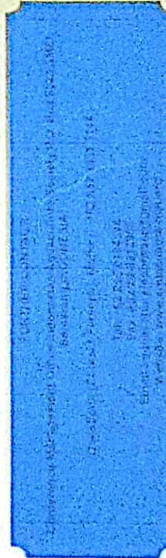


KONFERENSI AKUAKULTUR INDONESIA 2015 (KAI 2015)
MALANG, NOVEMBER 20-21, 2015



INTERNATIONAL CONFERENCE
OF AQUACULTURE INDONESIA 2016 (ICAI 2016)
BALI, OCTOBER 20-22, 2016

Don't Miss It



ICAI 2014
INTERNATIONAL CONFERENCE
OF AQUACULTURE INDONESIA
BANDUNG, JUNE 20-21, 2014

*Toward A Better And Sustainable
Global Aquaculture Industry*

Presented By
INDONESIAN AQUACULTURE SOCIETY
www.aquaculture-mal.org

In Cooperation With
IPK UNPAD

INTERNATIONAL CONFERENCE OF
AQUACULTURE INDONESIA (ICAI 2012)
Toward Indonesian Aquaculture Sustainability for 2020
BANDUNG, SEPTEMBER 24, 2012

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INTERNATIONAL CONFERENCE OF AQUACULTURE INDONESIA 2014

PROGRAM OF ICAI 2014

THURSDAY, JUNE 19 13:00 – 20:00 Registration Open & Exhibit Set-up Submission of files for oral presentations, Poster Set-up, Check In Hotel 18:00 – 21:00 Annual Meeting of Indonesian Aquaculture Society Board & Member	
FRIDAY, JUNE 20 07:00 – 12:00 Registration Open 08:00 – 08:50 Lecture I (Bale Sawala Room): Current Innovation and Technology Development Towards Sustainable and Better World Aquaculture Industry (Dr. Farshad Shishahchian; WAS Rep./President WA-ASPAC) 08:50 – 09:00 Nation Song: Indonesia Raya by: Pandus FPIK UNPAD 09:00 – 09:15 Welcome Speech: Prof. Rokhmin Dahuri (President IAS/ MAI) 09:15 – 09:35 Keynote Speech: "Toward A Better and Sustainable Global Aquaculture Industry" (Minister for Marine and Fisheries Affairs, Mr. Sharif C. Sutardjo) 09:35 – 09:45 Welcome Sundanese Merak Dance 09:45 – 10:00 Morning Coffee Break 10:00 – 11:10 Plenary Discussion Session I (@30 mins x 2 = 60 mins): <ul style="list-style-type: none"> • Current Sustainable Aquaculture Business and Industry Development in Australia with Emphasis on Inland Aquaculture Prof. Ravi Fotedar; Curtin Univ. of Tech., Western AUSTRALIA • Current Shrimp Disease Problem Solving in ASIA (Dr. Chumporn Soowannayan; Mahidol University THAILAND) 11:10 – 11:45 Plenary Discussion I (Moderator: Dr. Yudi N. Ihsan) 11:50 – 13:20 Friday Prayer & Lunch I (Provided) (Poster Presenter Session) 13:20 – 16:30 Parallel Class Session I <ul style="list-style-type: none"> • Aquaculture Management and Technology (Bale Sawala Room) • Aquaculture Disease and Environment (Bale Rucita 1 Room) • Genetic and Breeding (Bale Rucita II Room) • Aquaculture Feed and Nutrition (2nd Floor Meeting Room) 16:30 – 17:00 Coffee Break II (Provided) (Poster Presenter Session) 17:30 – 18:45 Gathered in the front (lobby) of Rectorat Building and Leave Together to Gedung Sate, Bandung For Dinner 19:30 – 21:30 Governor's Reception/Gala Dinner at Gedung Sate, Bandung	08:30 – 17:30 Exhibition Open

- 10:20 – 10:40 Brackish water pond culture of tilapia (*Oreochromis niloticus*) in Pekalongan City, Central Java (Priadi Setyawan and Adam Robisalmi)-Page 53
- Moderator: Dr. Purnama Sukardi**
- 10:40 – 11:00 The Influence of Various Light Intensity and Natural Feeds to The Growth of Abalone *Haliotis squamata* In Aquaculture System (Magdalena Latuihamallo)-Page 54
- 11:00 – 11:20 Utilization of Fcnca Waste For Raising *Chlorella* spp. (Zahidah,Wawan Gunawan, and Ujang Subhan)-Page 55
- 11.20 - 11.40 Partial or Total Replacement of Fishmeal by Soybeal in Diets of Fingerlingglass Catfish, *Ompokhypophthalmus* (Indra Suharman, Idasary Boer and Fatmah Yani) – Page 56 .
- 11:40 – 12:00 The Growth of Abalone (*Haliotis squamata*) In Net Floating Cage At Hulaliu Waters, Central District of Moluccas (Jacqueline M.F Sahetapy and Magdalena Latuihamallo)-Page 57
- 12.00-12.20 Endemic Fishes in the Kota Panjang Dam, Riau (Eni Sumiarsih, Windarti, Otong Suhara Djunaedi, Yayat Dahiyat and Zahidah) –Page 58
- 12.20-12.40 Brief Communication Conservation Genetic of Tropical Eel In Indonesian Waters: Based of Population Genetic Study (Melta Rini Fahmia, Dedy Duryadi Solihinb, Kadarwan Soewardic, Laurent Pouyaudd and Patrick Berrebie)-Page 59

Aquaculture Disease and Environment Class (2nd Floor MEETING ROOM)

Moderator: Dr. Alim Isnansetyo

- 09:20 – 09:40 Application of *Moringa oleifera* For Development of Sustainable and Biosecure Aquaculture (Manoj T. Kamble, Balu R. Chavan, Ataguba Gabriel, Txomin Azpeitia Seema V. Medhe, Surangna Jain and Rakesh R. Jadhav)-Page 60
- 09:40 – 10:00 The Potential of The Isolated Probiotics Bacterial From Giant Prawns' Digestive Tract (*Macrobrachium rosenbergii*, De Man) With 16s DNA Sequences Technique (Feliatra, Dessy Yoswaty, Isye Lukystyawati and Wahid Hasyimi)-Page 61
- 10:00 – 10:20 Microsatellite Analysis to Identify Resistance of Giant Gouramy (*Osphronemus gouramy* Lac.) to *Aeromonas hydrophila* (Meirina Kartika Kusumawardhani, Diah Kusumawaty, and Sony Suhandono)-Page 62
- 10:20 – 10:40 Aerobic Microflora in the Fecal Pellets of Snakehead (*Channa striata*) Juveniles (Asfie Maidie)-Page 63

Moderator : Mr. Dedy Yaniharto

- 10:40 – 11:00 Functional Analysis of Membrane-Bound Complement Regulatory Protein Related To Adaptive Immune Response In Ginbuna Crucian Carp *Carassius auratus Langsdorfii* (Indriyani Nur, Hikari Harada, Ryota Nakamura,

**PARTIAL OR TOTAL REPLACEMENT OF FISHMEAL BY
SOYBEAN MEAL IN DIETS OF FINGERLINGGLASS
CATFISH,*OMPOKHYPHOPHTHALMUS***

IndraSuharman^{*}, Idasary Boer and FatmahYani

Department of Aquaculture, Faculty of Fisheries and Marine Sciences,
University of Riau, Pekanbaru-Riau, Indonesia

The study was undertaken to evaluate the growth performance and feed utilization of glass catfish, *Ompokhypophthalmus*, fed five diets in which fish meal (FM) was gradually replaced by soybean meal (SBM). Five isonitrogenous diets (about 35% crude protein) was formulated. The control diet was formulated to contain 62% fish meal (T1), whereas in the other four diets SBM was included at 16%, 36%, 47% and 62% to replace 25%, 50%, 75% and 100% with fish meal protein (T2 to T5 respectively). 225 fingerlings (initial average weight, 3.5 g) were equally distributed into fifteen net cages (1 x 1 x 1.2 m³) with stocking 15 fish at any net cage. Fish were fed experimental diets for 56 days at a rate 10% of body weight per day in three equal amounts, adjusted biweekly. The fish readily accepted all experimental diets and low mortality were recorded during the trial. Diets of T3 had significantly differences in specific growth rate (SGR), feed efficiency (FE) and protein retention (PR) to other diets. The higher SGR, FE and PR among treatments were observed on T3, while the lower was observed on T5. The data of the present study indicates the possibility of use soybean meal as replacing of fish meal without affecting significantly the growth performance and feed utilization up to a level of 50%.

Keywords: fish meal, glass catfish, growth performance, protein retention, soybean meal



**INDONESIAN
AQUACULTURE
Society**

Certificate of Accomplishment

Awarded to

Dr. Indra Suharman, S.Pi, MSc

As

Oral Presenter

**INTERNATIONAL CONFERENCE OF AQUACULTURE INDONESIA
(ICAI 2014)**

**BANDUNG - INDONESIA
JUNE 20-21, 2014**

President of MAI

Prof. Rokhmin Dahuri



ICAI 2014 Chairman

Dr. Ir. Agung Sudaryono, Ph.D