

STAC February/March 2019 Newsletter

Visited HQ of Brunei Fisheries Department at Muara and meeting with Deputy Director of Fisheries Department of Brunei.

Arrangement by Dato Haji Jamain of Berjaya Aqua Brunei



A briefing about the potential of aquaculture investment for Brunei government and private sectors.

Visited STAC alumnus Mr.Richard Chuang's Golden Corporation Sdn Bhd.Blue Shrimp Farm as arranged by Dato Jamain of Berjayaq Aqua.

HDPE liner pond for solution of soluble iron contamination



HDPE liner pond for prevention of Acid Sulfate Soil contamination of soluble iron which caused slow growth and mortality during raining seasons.

Visited Golden Corporation Seafood Display and Retail Centre



Chilled Blue Shrimp direct supplied from the farm



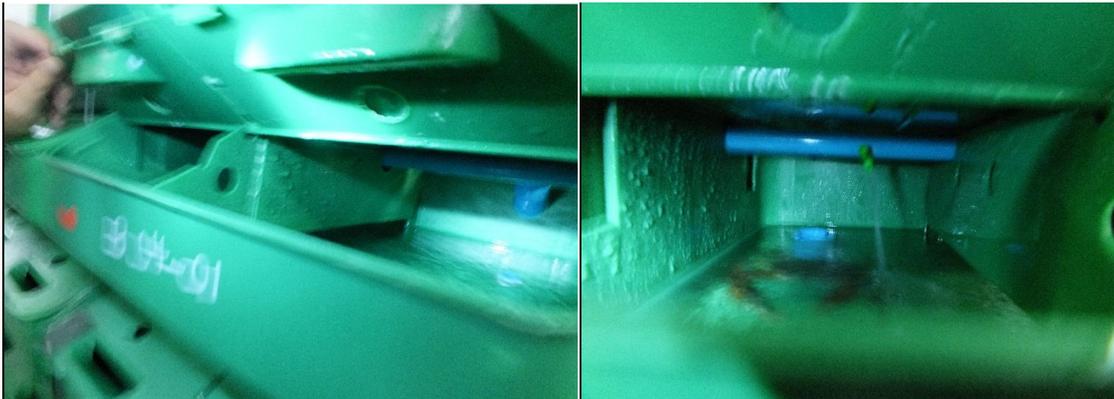
Met STAC Brunei alumnus of 1999 Mr.Kakim and photo with Dato Ir.Jamain

Brunei Fisheries Department Subsidy for Sea Water Supply to the Shrimp Farmers



The sea water from the pumping station is supplied free of charge to the shrimp farms at the area.

Visited Dato Haji Jamain Indoor RAS Vertical Soft-Shell Crab Production Factory.



Soft Shell Crab Vertical Racked Farming system

Appointment as Industry Advisor for Faculty of Science by Ir. Professor Dato Dr. Chuah Hean Teik, Universiti Tunku Abdul Rahman Kampar



1st meeting on March 22nd at Kampar Campus



Group photo with Academic staffs of UTAR and students

***For the February 2019 there were 2
intakes of training courses and the March
there were 4 intakes***

1. 12th13th14th Fresh Water Prawn Farming and Australia Crayfish cum Aquaponic
2. 20th21st 22nd Biofloc Technology Vannamei Farming
3. 26th27th28th Marine Fish Seed Production and Indoor RAS Grouper Farming
4. March 1st2nd3rd Special Biofloc Technology for Vannamei and Tiger Prawn Farming
5. March 5th6th7th Mangrove Crab Hatchery and Indoor RAS Racked System
6. March 12th13th14th Fresh Water Fish Jade Perch, Empurau, Marble Goby
7. March 19th20th21st Fresh Water Prawn and Australia Lobster cum Aquaponic

Course completion and hands on practical works for all the participants who attended the different training courses



Course completion and practical works for the participants to get hands on experience in the farming operation



***Arrival of Green Grouper fish fries and Jade Perch fries.
Quarantine before stocking into the culture tanks***



***Quarantine is important for RAS Indoor farming for the
prevention of the disease infection***

Biofloc Technology Vannamei Farming at STAC Aquaculture R&D Centre



A demonstration set up for Biofloc Technology Vannamei Farming. The system is used for hands-on practical works for the participants who attended the Biofloc Technology Vannamei and

Two demonstration units for Biofloc Technology Farming of Vannamei and Tiger Prawn are installed respectively for the hands-on practical works for the participants who take up the Biofloc Technology Vannamei and Tiger Prawn Farming Training Course.

WHAT IS BIOFLOC TECHNOLOGY? HOW TO CALCULATION C AND N RATION AND MEASUREMENT OF BIOFLOC USING Imhoff Cone.

Application of simple water test kits to check the water parameters such as D.O., pH alkalinity, salinity, ammonia, nitrate and soluble iron etc.

Using of organic carbon source such Molasses, Tapioca, to maintain the C/N Ration

Udang Galah and Australia Fresh Water Lobster Farming Course



Selection of Berried Female Australia Lobster or Crayfish for breeding at indoor RAS tanks

Study of sex organs of GIFT Tilapia by UPM internship students



GIFT tilapia raised from Indoor Aquaponic with pandan.

Harvested the GIFT Tilapia, Hybrid Grouper, Jade Perch, Empurau and Vannamei for lunch for the participants to compare the tastes of the cultured species at the local Restaurant after the classroom lectures



***Vannamei from BFT, Jade Perch
from Aquaponic, Empurau from RAS
and Hybrid Grouper from
RAS/Biofloc Technology and GIFT
Tilapia from RAS Aquaponic Pandan***

Supplied and installed one set of Aquaponic for the Tche Min Primary School of Sungai Pelek.



Aquaponic refers to a system that combines conventional aquaculture (fish and crayfish) with hydroponic in a symbiotic environment. The wastes from the fish or crayfish are decomposed by the nitrifying bacteria into nitrates that are utilized by the plants as nutrients. The water is recirculated back to the aquaculture system. Thank to Headmaster of Tche Min Primary School and all the teachers who set up the system for the students .



GIFT Tilapia, Jade Perch, Hybrid Grouper, Green Spotted Grouper, Vannamei Shrimp, Crayfish and etc.



STAC is known as Sepang Today Aquaculture Centre it is the only one Aquaculture Training Course Provider since 1997.

For almost 22 years thousands of aquafarmers or new investors have attended the training courses from local or other parts of the world.

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