



Station Profile

Central Visayas Multi-Species Nursery Demonstration and Training Center (CVMNDTC)

Bentig, Calape, Bohol



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Background

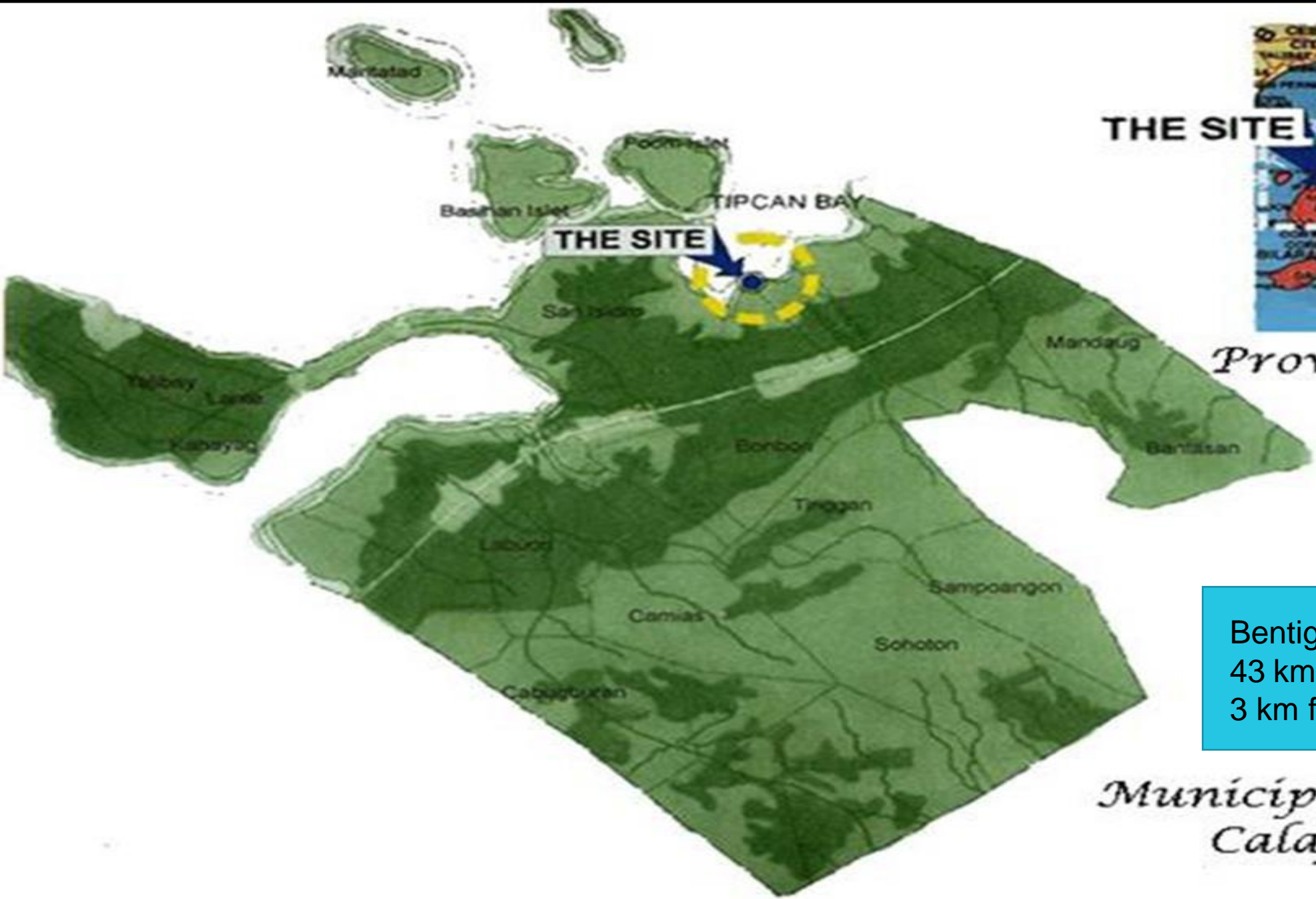
Established in 1959, the station was originally named the Bohol Brackishwater Demonstration Fish Farm. Situated in Bentig, Calape, Bohol, it was then under the supervision of the Philippine Fisheries Commission. With an area of 10 ha, its primary concern was the production and dispersal of milkfish fingerlings.

In 1977, upon the approval of a joint project on inland fisheries between the Bureau of Fisheries and Aquatic Resources (BFAR) and the Food and Agriculture Organization/ United Nation Development Programme (FAO/UNDP), the station was chosen as one of the project implementers. It was renamed to BFAR-FAO/UNDP Brackishwater Aquaculture Demonstration and Training Center under Climatic Zone III. It served as one of the country's demonstration farm sites and training centers. The total area was expanded to 37 ha, of which one (1) ha was used for various infrastructure while the rest was developed into brackishwater fishponds.

When BFAR was still merged with the Department of Agriculture (DA) in 1992, the station was again renamed as Calape Fishery Complex/Research Outreach Station (CFC/ROS) under the umbrella of the Central Visayas Agricultural Research Center (CENVIARC). This was in consonance with the project Rationalization Program of the Department of Agriculture. The Complex was mandated to conduct research on marine and brackishwater fisheries.

Upon BFAR's reconstitution as a line bureau under the DA (as provided for in Republic Act No. 8550, known as the Philippine Fisheries Code of 1998), the station became known as Calape Fishery Complex and remained as one of the R & D facilities of BFAR Region VII. In 2000, it was launched as Central Visayas Regional Fisheries Research & Development Center (CVRFRDC) and was mandated to conduct applied aquaculture R & D, both midstream (technology generation) and downstream (technology verification). At the same time, it served as a production facility for fingerlings and marketable-sized fish.

In 2013, it was renamed Central Visayas Multi-Species Nursery Demonstration & Training Center (CVMNDTC). As a field operating facility of BFAR 7, the major thrusts of the Center are now focused on fingerling production and distribution as well as a demonstration of grow out rearing technologies in brackishwater fishponds. Fisheries Production and Technical Assistance Services. At present, it deals with some important aquaculture commodities such as milkfish (*Chanos chanos*), siganid (*Siganus guttatus*), and pompano (*Trachinotus blochii*). Beneficiaries of the services offered by the Center include fish farmers (fish cage, fish pond and fish pen operators), local government units, academe, fisherfolk, people's organizations, private sector and others.



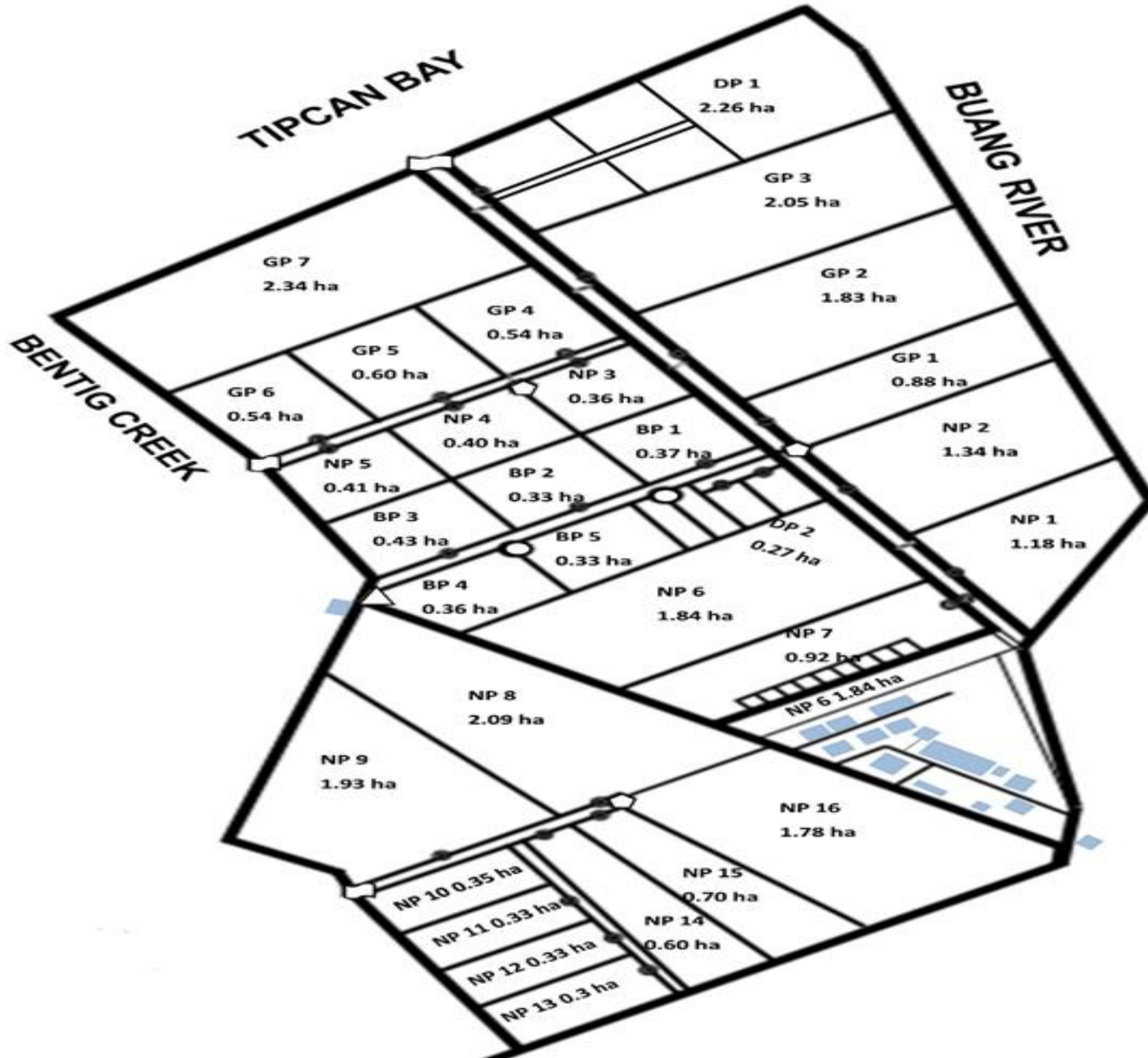
THE SITE

Province of Bohol

Location

Bentig, Calape, Bohol
43 km from Tagbilaran City
3 km from Calape town proper










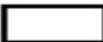
Municipality of Calape



CVMNDTC MAP

36 hectares for production Area

LEGEND:

-  Main Pond Gate
-  Guard House
-  Entrance Gate
-  Powerhouse
-  Catching Pond
-  Facilities/Buildings
-  Secondary Gate
-  Farm Shed
-  Boardwalk
-  Pond Compartments

FACILITIES/STRUCTURES



Staff Houses



Administration Building



Stock Rooms



Duplex Guest House



Multi Purpose Building &
Dormitories



Mess Hall/ Processing Unit

FACILITIES/STRUCTURES



Chapel



Stage



Covered Court



Rearing Pond

VEHICLE & EQUIPMENT



Paddlewheel aerator



Tractor



Water pump



Refractometer



Nucleic Acid Analyzer



Multi-parameter meter



LCD Microscope



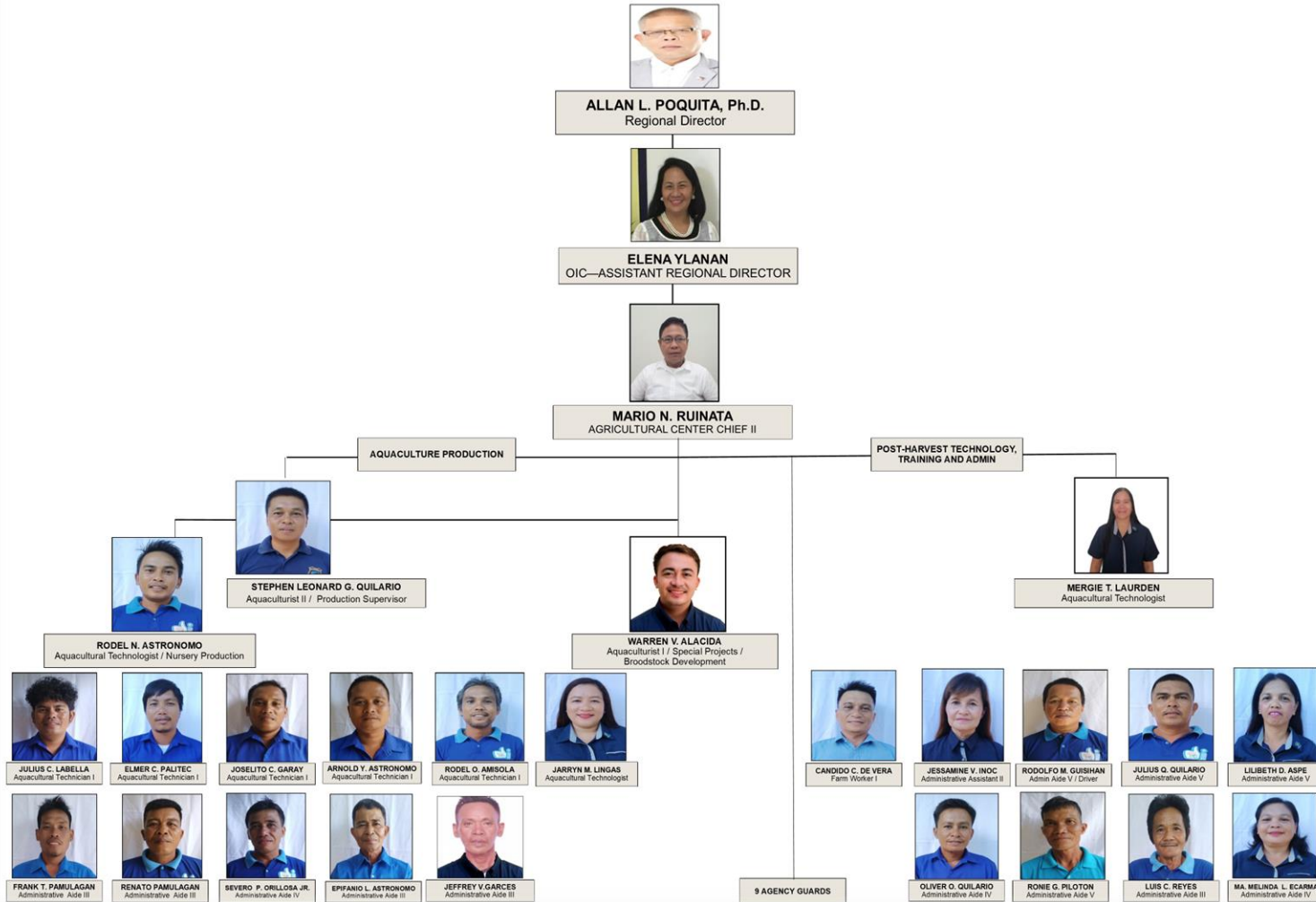
Spectrophotometer

ORGANIZATIONAL CHART



Department of Agriculture
 Bureau of Fisheries & Aquatic Resources VII
 Central Visayas Multi - Species Nursery Demonstration & Training Centre
 Bentig, Calape, Bohol

ORGANIZATIONAL CHART





PROGRAMS, PROJECTS AND ACTIVITIES





Milkfish (bangus)



Siganid (kitong)



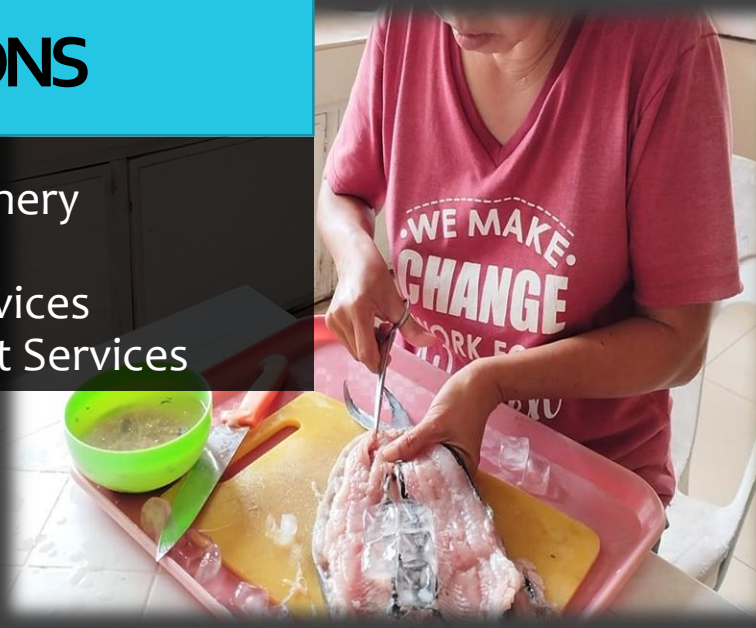
Pompano

MAJOR COMMODITIES



MAJOR FUNCTIONS

Supply Services for Fishery Productivity
 Technical Advisory Services
 Administrative Support Services





I. SUPPLY SERVICES FOR FISHERY PRODUCTIVITY

- A. Fish Seed Production & Distribution**
 - 1. Broodstock Development & Maintenance
 - 2. Fingerling/ Seed stock Production & Distribution
- B. Marketable Production**
- C. Value – adding/Processing**
- D. Operation & Maintenance of Production & Technology Station**
 - 1. Maintenance & repairs of buildings, equipment, pond compartments, etc.
 - 2. Water quality monitoring & laboratory analysis





II. TECHNICAL ADVISORY SERVICES

- ✓ Extension, Support, Education and Training Services
- ✓ Research and Development





III. ADMINISTRATIVE SERVICES

- ✓ Preparation of official documents (reports, plans, communications, supporting procurements, etc.)
- ✓ Maintenance/improvement/beautification of surroundings
- ✓ Facilitation/briefing of station visitors
- ✓ Management & supervision of personnel
- ✓ Attendance in meetings, conferences, trainings, workshops, etc.
- ✓ Coordination with RO, LGUs, SUCs, NGOs, other NGAs



Average Annual Production

II. TECHNICAL ADVISORY SERVICES

- ✓ Provide assistance to walk-in & phone-in clients regarding aquaculture technologies/fishery matters
- ✓ Conduct test cultures/studies
 - Organic farming of siganids using vermicast
 - Utilization of brackishwater pond snails as quick lime
 - Pond culture of lato
 - Pond culture of SPF prawn
- ✓ Prepare technical papers (proposals & reports)
- ✓ Assist in the conduct of student's studies/researches
- ✓ Accept OJTs from schools in Visayas & Mindanao
- ✓ Reproduce and distribute IEC materials

No. of clients/beneficiaries served /year – 250

Project	Target Production
Bangus Fingerling Production	2,400,000
Siganid Fingerling Production	50,000
Marketable - sized Bangus Production	2.75T
Marketable - sized Sigamid Production	0.625T
Bangus Broodstock Development	2,000

Best Production Practices



1. Pond preparation: draining, drying, removal of pond snails, fertilization, pesticide application, water intake



2. Acclimation and stocking of bangus fry



3. Water management



4. Water quality monitoring



8. Sampling of stocks



7. Monitoring of stocks



6. Supplemental feeding (upon depletion of natural food)



5. Provision of life support systems: paddle wheel and water pumps

Best Production Practices



8. Seining of fingerlings



9. Sorting and counting of fingerlings



11. Counting and packing of fingerlings



10. Conditioning of fingerlings in hapa nets (ready for disposal)



Thank You

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CVMNDTC – Station

