Site:

Tamil Nadu Fisheries Development Corporation (TNFDC),

Freshwater Ornamental Fish Breeding and Nursery centre,

Aliyar, Coimbatore
TNFDC-Aliyar site view
Water quality parameter June to August 2013

PBBR in Koi carp, TNFDC Aliyar

- NH3
- NO2
- NO3

Concentration (mg/L)
Stocking and Growth details

TNFDC-Stocking density (RAS) Vs Conventional stocking

wt of fish (g)

length of fish
Harvesting views
Summary

- Animals Name: Koi carp
- Stocking Qty: 7000
- Harvest Qty: 3680
- Stocking Weight: 1.3g
- Harvest Weight: 6.6g
- Stocking Length: 4cm
- Harvest Length: 6cm
- Total days: 60 days
- Animal survival rate: 51%
- Growth rate: 0.09g/day
- Length rate: 0.03cm/day
Water quality parameter August to November 2013

PBBR Results in Koi carp, Tank No-36 TNFDC Aliyar

NH3
NO2
NO3

concentration (mg/L)

Stocking and Growth details

Animal Qty

PBBR@Aliyar-Tank no-36-Koi carp-Growth progression chart(cm)

PBBR@Aliyar-Tank no-36-Koi carp-Growth progression chart

length (cm)

wt gain (g)
Harvesting views
Summary

- Animals Name: Koi carp
- Stocking Qty: 10050
- Harvest Qty: 6283
- Stocking Weight: 1.3
- Harvest Weight
- Stocking Length: 1.5-3
- Harvest Length: 5-10cm
- Total days: 90 days
- Animal survival rate: 62%
- Growth rate: N.A/day
- Length rate: 0.06cm/day
Water quality parameter of Tank No-35 and 36

PBBR in Blue Gold Tank No,-35  TNFDC Aliyar
Water quality parameter of Tank No-35 and 36

PBBR in Koi carp, Tank No-36  TNFDC Aliyar

concentration (mg/L)

20.1.14 4.2.14 15.2.14 17.3.14 2.4.14 26.4.14 13.5.14 27.5.14 12.6.14 24.6.14

NH₃  NO₂  NO₃

concentration (mg/L)
Stocking and growth details

**PBBR@Aliyar-Tank no-35-blue gold -stocking progression chart**

**Stocking**

- Stocking details:
  - Date: 3.10.13
  - Measurement: 1.5

**Trial-2-Blue gold-tank no-35 Growth improvement-TNFDC-Aliyar**

**Growth Improvement**

- Dates: 3.10.13, 18.5.13, 30.10.13, 16.11.1, 12.12.1
- Measurements: 1.5, 2.5, 3.5, 3.5, 4.5

**Axis Title**

- X-axis: Dates
- Y-axis: Length (cm)
Harvesting Views
Summary

- Tank No-35
  - Animals Name-Blue Gold
  - Stocking Qty-10000
  - Stocking Weight-1.3g
  - Harvest Weight-NA
  - Stocking Length -2 cm
  - Harvest Length-5 cm
  - Total days- 150 days

- Tank No 36
  - Animals Name-Koi Carp
  - Stocking Qty-12500
  - Stocking Weight-1g-1.5g
  - Harvest Weight-NA
  - Stocking Length -1.5-2 cm
  - Harvest Length-5-15cm
  - Total days-154 days

Total No of Fishes stocked in both tanks 22500 No’s