

## OBSERVATION ON

**Farming of tilapia in pond fed with regular feeding (30% protein content in diet, MOC 30% and FM 25%)**

**Farming of tilapia in pond fed with regular feeding (30% protein content in diet, MOC 20% and FM 30%)**

**Farming of tilapia in pond fed with feeding (30% protein content in diet) at alternate day**

**Farming of tilapia in pond fed with feeding (30% protein content in diet) at two days interval**

**Farming of tilapia in pond fed with regular feeding (27% protein content in diet)**

**Farming of tilapia in pond fed with regular feeding (33% protein content in diet)**

**Farming of tilapia in pond fed with regular feeding (30% protein content in diet)**

1. Concept (Importance of tilapia farming in pond; importance of feeding/restricted feeding/dietary protein content)
2. Steps followed
  - a. Pond selection
  - b. Pond preparation (deweeding, removal of unwanted species, basal liming and fertilization)
  - c. Stocking (species, source of seed, initial stocking weight, stocking density)
  - d. Periodic liming and fertilization; feeding (dietary protein content, feeding rate, feeding frequency)
3. Observations
  - 3.1 Water quality

Parameters	Observations			
	1 <sup>st</sup> fortnight	2 <sup>nd</sup> fortnight	3 <sup>rd</sup> fortnight	4 <sup>th</sup> fortnight
Temperature (°C)				
Transparency (cm)				
Water colour				
pH				
DO (mg/l)				
CO <sub>2</sub> (mg/l)				
Alkalinity (mg/l)				

### 3.2 Fish growth:

Stocked species	Initial weight (g)	Weight gain (g)			
		1 <sup>st</sup> fortnight	2 <sup>nd</sup> fortnight	3 <sup>rd</sup> fortnight	4 <sup>th</sup> fortnight

4. Comments (What changes are found? Or What is the learning? How this work will be helpful professionally?)