

OFT (Fishery Science)

Sl. No.	Year	Topic	Result
1	2007-08	Post monsoon culture of Carps	<ol style="list-style-type: none"> 1. p^H-6.8 ± 0.4 2. Temp – 14.0 – 35.6⁰C 3. Average weight – 130 gm 4. Production – 120 kg/0.1 hac 5. Duration – 5 month
2	2008-09	Carp fry and fingerling rearing	<ol style="list-style-type: none"> 1. p^H- 6.9 ± 0.03 2. Temp – 14.2 -33.4⁰C 3. Yield – 1.6 hac/0.1 hac 4. B:C ratio – 1.20 5. Duration -1 ½ month
3	2009-10	Carp fry and fingerling rearing	<ol style="list-style-type: none"> 1. Duration – 2 month 2. Stocking – month of May, 20 lac/hac 3. p^H-7.2 ± 0.5 4. Growth up to fingerling 5. Temp – 23.6-34.2⁰C 6. Mortality -30%
4	2011-12	Cattle cum fish culture	<ol style="list-style-type: none"> 1. Duration – 8-9 month 2. Stocking 15,000 fry/hac, May 3. Average Weight – 200 gm ± 50gm 4. Temp – 18.3⁰ C – 38.1⁰C 5. p^H-6.5 – 7.9 6. Total production – 230 kg/0.1 hac 7. B:C = 3.60
5	2011-12	Pig cum fish culture	<ol style="list-style-type: none"> 1. Duration – 6-7 month 2. Stocking – 15,000 fry/hac, May 3. Average weight – 230 gm ± 50 gm 4. Temp – 18.3 – 38.1⁰ C 5. p^H-6.5 – 8.1 6. Total production – 210 kg/0.1 hac 7. B:C ratio – 4.0
6	2012-13	Cattle cum fish culture	<ol style="list-style-type: none"> 1. Duration – 8-9 month 2. Stocking – 16,000/hac May 3. Average weight – 230 kg 4. Total production – 210 kg 5. Temp – 6⁰C-39⁰C 6. p^H-6.2 -7.69 7. B:C – 2.87
7	2012-13	Pig cum fish culture	<ol style="list-style-type: none"> 1. Duration – 8-9 month 2. Stocking – 16,000 fry/hac 3. Average weight -260 gm 4. Temp – 6⁰C-39⁰C

			<p>5. pH-6.2-7.8 6. Total production -240 kg/0.1 hac 7. B:C – 3.7</p>
8	2013-14	1. Cattle cum fish culture	<p>1. Duration – 7-7 ½ m 2. Stocking – 16,000 fry/hac/May month 3. Average wt: 220 gm 4. Total pond : 190 kg/0.1 hac 5. Temp : 6⁰c-39⁰c 6. pH : 6.2-7.9 7. B:C: 1.9</p>
9	13-14	Pig cum fish culture	<p>1. Duration – 7 month 2. Stocking – 16,000 fry/0.1 hac 3. Average wt.-190 gm 4. Temp : 6⁰c-39⁰c 5. pH – 6.1 – 8.0 6. Total production : 230 kg/0.1 hac 7. B:C ratio – 1.5 (because the cost of Pig is not included in returned</p>
10	2013-14	Magur cultivation	<p>1. Duration – 11 m 2. Average wt.- 260 gm 3. Temp : 16-39⁰c 4. Total production = 150 kg 5. pH = 6.8-7.3 6. B:C = 1:3.3 Mortality rate very high due to new construction of cement tank. May be due to reaction</p>
11	2014-15	Paddy cum Fish Culture	<p>1. Duration – 5 m 2. Stocking – 18,000 fry/hac 3. Average wt.- 200 gm 4. Temp : 9-39⁰c 5. pH – 7.0 – 8.0 6. Total production : 230 kg/0.1 hac 7. B:C ratio – 1:1.78</p>
12	2014-15	Magur cultivation	<p>1. Duration – 9 m 2. Stocking – 4/m² 3. Average wt.- 90 gm 4. Temp : 10.38⁰c 5. pH – 6.7 - 7.8 6. Total production : 63 kg 7. B:C ratio – 1:2.2 (Mortality due to long transportation)</p>
13	2014-15	Carp seed raising (Spawn to	<p>1. Duration – 2 m</p>

		fingerling)	2. Stocking – 3 lakh/0.1 hac (spawn) 3. Temp : 28-38 ⁰ c 4. pH – 6.8-7.6 5. B:C ratio – 1:1.5 (Problem was during the sale of seedlings)
14	2015-16	Paddy cum Fish Culture	1. Duration - 5-6 m 2. Stocking - 12,000 fry/ha 3. Average wt. - 330 gm 4. Temp.-18-39 ⁰ C 5. pH-6.8 - 7.6 6. Total pond - 280 kg/0.1 ha 7. Rice production - 2.6 t/0.5 ha
15	2015-16	Magur Cultivation	1. Duration – 9 m 2. Stocking – 4/m ² 3. Average wt.- 80 gm 4. Temp : 9-38.5 ⁰ c 5. pH –6.5-7.6 6. Total production : 54 kg 7. B:C ratio – 1:1.78 (Mortality due to long transportation)
16	2016-17	Magur cultivation	1. Duration – 9 m 2. Stocking – 4/m ² 3. Average wt.- 80 gm (Continuing) 4. Temp : 9-38.5 ⁰ c 5. pH –6.5-7.6 6. Total production : 42 kg
17	2016-17	Paddy cum fish culture	1. Duration - 5-6 m 2. Stocking - 12,000 fry/ha 3. Average wt. - 320 gm 4. Temp.-18-39 ⁰ C 5. pH-6.8 - 7.6 6. Total pond - 260 kg/0.1 ha 7. Rice production - 2.7 t/0.5 ha (Ranjit)
18	2016-17	Carp fry fingerling	Ongoing