

Glossary

1. **Specialized egg production** - It consists of separation of poultry for meat and egg production. In the egg producing plant, specialized employees oversee specific aspects related to egg production.
2. **Integrated egg production** – This is the most advanced enterprise and involves the complete mechanization and automation of the egg production cycle including battery egg laying, temperature controls, scientific feeding and mechanized egg collection methods.
3. **AIAO systems** –“All-in, all-out” (AIAO) systems, where each room or building is completely emptied and sanitized between groups of pigs. Each new group of pigs enters a freshly disinfected area and stays there for this phase of their life. The facility has a separate room for each group of pigs weaned. AIAO animals in each room are of a uniform age and size and are isolated from the rest to the maximal extent possible in order to decrease the possibility of spreading of diseases from older animals to younger ones.
4. **Latex agglutination kit** – It is a kit for detection of white spot virus in shrimps. This is an on-farm test with the aid of the rapid diagnostic kit which can be completed within 3-4 min.
5. **Immune index** – Immune index has been developed to assess the health status of tiger shrimp, *Penaeus monodon*, based on the characteristics of its haemolymph.
6. **Backyard poultry** – It is the production at the subsistence level of farming. Birds live free range and hatch their own eggs. Their diet is usually supplemented with crop waste and left overs of food. The labour involved with the backyard poultry production is part-time.
7. **Farm flock production** – This type of production is much more specialized. Here, eggs are hatched in a separate location where the hatch and sexing of the birds are controlled.
8. **Commercial poultry farm** – It involves full-time labour and is geared towards producing on a sufficient scale for the sale of both eggs as well as poultry meat.

- 9. CIFTECH-1** – It is a novel design of a 15.5 m OAL, 125 hp steel fishing vessel named CIFTECH-1 with split level deck has been constructed for trawling, gill netting and lining.
- 10. LHRha** - LHRha is a hormone injection to induce maturation in groupers. Experiments on this has been conducted at Mandapam. Natural spawning of *Epinephelus tauvina* and *E. polyphekadion* was observed under captive conditions.
- 11. Mahseer conservation** - A natural lake Shyاملatal in Kumaon region was developed as a conservation site to breed the threatened Mahseer species, scientifically termed *Tor putitora*. Mahseer fingerlings that have been stocked for the first time have established themselves very well in the lake with 98% return in experimental netting.
- 12. Wean to finish barns** – These are barns where pigs go immediately after weaning and stay there until they reach the market. This system combines the nursery and grow-to-finish phases of production.
- 13. Two-site system** – A two – site system has breeding and gestation at one site and farrowing or nursery and grow finish pigs at a separate site.
- 14. Layer house** - Growers are transferred from the grower house to the layer house when they are 18 weeks old to prepare for the laying cycle.
- 15. Growers** - This particular phase lasts for a period of 3 months. It occurs from the ninth to the twentieth week of age. Growers may either be housed separately from small chicks or continue to be reared in brooder-cum-grower houses.