

Good Aquaculture Practice (GAP/GAqP)

Concept

- Series of activities during farming, harvesting and post-harvesting towards the production of safe and quality fish prawn through implementation of international standards
- Includes the considerations on farm design, pond preparation, seed and feed quality, water quality management, harvesting and post harvesting handling, transportation, sanitation etc.
- The farming system considers welfare of the animal as well as environmental integrity, economic viability and social responsibility
- Important for gaining reputation and avoiding trade disruption

Objective

1. To produce and supply safety and quality aquaculture product
2. To take step to prevent fish/prawn from diseases that can be contaminated to human body
3. To make fish/prawn free from pollution caused by harmful antibiotics or chemicals or insecticides
4. To avoid any sort of step responsible for creating human health hazard

Constraints for producing safe and quality fish/prawn

- Stocking of disease affected seeds of fish/prawn
- Farming in polluted water
- Use of inputs (human excreta, poultry droppings, cowdung etc.) that can contaminate diseases
- Use of feed or feed ingredients with existence of harmful substances
- Use of unapproved drugs/chemicals/antibiotics
- Harvesting of fish/prawn without considering the withdrawal period while using approved drugs
- Entrance of disease carrying animal (cat, dog, rat etc.) into the farm
- Pond site rearing of poultry or domestic animals
- Crossing the recommended concentration of heavy metals and pathogenic microbial load in water
- Involvement of labour affected by contagious disease