

APPROVED PRACTICES FOR INTENSIVE AQUACULTURE PRODUCTION

Select the approved practices from the list below which will be of benefit to your enterprise and record them on pages 3 and 4 in your Supervised Agriculture Experience Record Book. (This is only a general suggested list. Detail should be added to match your specific situation.)

1. Select species appropriate for local conditions
2. Select animals which are healthy
3. Prepare an aquarium for holding, breeding or raising fish
4. Select appropriate physical and chemical filter systems
5. Provide for proper aeration in the aquarium
6. Select appropriate feeds
7. Construct a tank facility
8. Construct a mechanism for solid waste removal
9. Construct a mechanism for ammonia removal
10. Provide for manual or automatic feeding
11. Use water test kits to conduct periodic water tests in tank including dissolved oxygen, ammonia, nitrite and pH
12. Monitor water temperature
13. Properly sample and weigh fish
14. Calculate daily feed ration
15. Calculate fish growth
16. Properly tag fish to monitor individual growth
17. Properly treat water for salinity, disease or plant control
18. Check system for leaks, algae growth, etc.
19. Perform daily and weekly cleaning of the system
20. Perform necropsy on mortalities
21. Diagnose fish diseases and ailments
22. Provide breeding areas for brood fish
23. Control fish diseases and parasites
24. Care for fry and fingerlings
25. Properly kill and harvest fish
26. Properly prepare fish for retail and/or consumption
27. Complete a PA Fish Commission "Artificial Propagation Permit"
28. Market fish through local outlets
29. Keep accurate enterprise records
30. Summarize and analyze records