Fishpond Management (399)

1. Management of water quality and aquatic habitat
   - D.1 (+) Control of nuisance aquatic species
   - I.1 (+) Physical removal
   - I.2 (-) Noxious and invasive species
   - Application according to label instructions
   - Buffers/Filtration
   - C.1 (+/-) Water quality in receiving bodies

2. Maintaining a desired level of production and species composition
   - D.2 (+) Nutrient levels
   - I.3 (+) Chemical application
   - I.4 (+) Nutrients discharged from pond
   - I.5 (+) Food chain organisms
   - I.6 (-) Dissolved oxygen
   - I.7 (+) Health of aquatic organisms
   - I.8 (+) Populations of non-target species
   - I.9 (+) Organic matter
   - Aeration

3. Protection of site from flooding, sedimentation and contamination through upland practices
   - D.3 (+/-) Water quality components: pH, hardness, alkalinity, etc.
   - I.10 (+) Recreational fishing
   - I.11 (+) Potential income
   - I.12 (+) Available resources (food, space, cover, DO)
   - I.13 (+/-) Net return

4. Cost for labor, equipment, energy, fertilizer, feed, operation and maintenance
   - D.4 (+) Cost for labor, equipment, energy, fertilizer, feed, operation and maintenance
   - D.5 (-) Fish biomass

5. Populations of targeted aquatic species
   - D.4 (+) Populations of targeted aquatic species
   - I.4 (+) Nutrients discharged from pond
   - I.5 (+) Food chain organisms
   - I.6 (-) Dissolved oxygen
   - I.7 (+) Health of aquatic organisms
   - I.8 (+) Populations of non-target species
   - I.9 (+) Organic matter
   - Aeration

6. Recreation
   - D.4 (+) Populations of targeted aquatic species
   - I.4 (+) Nutrients discharged from pond
   - I.5 (+) Food chain organisms
   - I.6 (-) Dissolved oxygen
   - I.7 (+) Health of aquatic organisms
   - I.8 (+) Populations of non-target species
   - I.9 (+) Organic matter
   - Aeration

7. Income & income stability (Individuals & community)
   - C.3 (+) Income & income stability (individuals & community)

8. Population of non-target species
   - C.2 (+) Recreational opportunities

9. Recreational opportunities
   - C.2 (+) Recreational opportunities

10. Recreational fishing
    - I.10 (+) Recreational fishing

11. Physical removal
    - I.1 (+) Physical removal

12. Chemical application
    - I.3 (+) Chemical application

13. Nutrients discharged from pond
    - I.4 (+) Nutrients discharged from pond

14. Food chain organisms
    - I.5 (+) Food chain organisms

15. Dissolved oxygen
    - I.6 (-) Dissolved oxygen

16. Health of aquatic organisms
    - I.7 (+) Health of aquatic organisms

17. Populations of non-target species
    - I.8 (+) Populations of non-target species

18. Organic matter
    - I.9 (+) Organic matter

19. Aeration
    - Aeration

20. Water quality in receiving bodies
    - C.1 (+/-) Water quality in receiving bodies

21. Nutrient levels
    - D.2 (+) Nutrient levels

22. Water quality components: pH, hardness, alkalinity, etc.
    - D.3 (+/-) Water quality components: pH, hardness, alkalinity, etc.

23. Control of nuisance aquatic species
    - D.1 (+) Control of nuisance aquatic species

24. Nutrient management
    - Nutrient Management (590)

25. Prescribed Grazing
    - Prescribed Grazing (528)

26. Integrated Pest Management
    - Integrated Pest Management (595)

27. Access Control
    - Access Control (472)

28. Vegetated Buffers
    - Vegetated Buffers (e.g., 390, 391, 393)

29. Streambank and Shoreline Protection
    - Streambank and Shoreline Protection (580)

30. Watering Facility
    - Watering Facility (614)

31. Pond
    - Pond (378)

Initial setting: Ponds, lakes, or reservoirs where the production of aquatic organisms is desired. Proper management will result in favorable habitat conditions for developing and maintaining population levels of desired species. This practice is not intended for commercial aquaculture.