

**BASS SYMPOSIUM SURVEY**

Please bubble in your answer.

1. I am primarily a: (bubble in one only)

- Pond or lake owner
- Agency/university biologist
- Fish farmer
- Fisheries consultant
- Other (please list)

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Please list the last 4 digits of your SSN

2. The biggest problem I have with my pond or lake is: (bubble in one only)

- Aquatic weed problems
- Poor fishing
- Fish farmer
- Water quality problems (i.e., stays muddy, too acid)
- Other (please list)

3. What would you be willing to spend on your pond per year to enjoy good bass fishing?

- \$50 per surface acre
- \$51-\$100 per surface acre
- \$101-\$250 per surface acre
- \$251-\$500 per surface acre
- \$501-\$1000 per surface acre
- \$1000+ per surface acre

4. How did you learn about this conference?

- Direct mail-out
- TWA magazine flyer
- Outdoor magazine calendar of events
- Newspaper article
- Other (please list)

5. How many total surface acres of ponds/lakes do you own/control?

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surface acres  
(omit commas)



## BASS SYMPOSIUM PRE-TEST

Please bubble in your answer.

### MARKING INSTRUCTIONS

CORRECT: ● INCORRECT: ☑ ☒ ☓ ☔

- How many pounds of prey must a bass eat to gain 1 pound?
  - 2
  - 5
  - 10
  - 15
- Which of the following products is commonly used to clear muddy ponds?
  - Aluminum sulfate and gypsum
  - Gypsum and anhydrous ammonia
  - Hydrated lime and rotenone
  - None of the above
- Aquatic vegetation is a necessary component of any well managed pond.
  - True
  - False
- After a couple of unusually rainy/cloudy days during the summer, you go down to your 1-acre lake that is filled with trophy catfish, bass and bluegill for an afternoon of fishing. To your dismay, you find several big catfish and some 5+ pound bass floating dead. Even though there is an abundance of small fish, including minnows, none were found dead. What was the likely cause of this fish kill?
  - The fire ant poison you put on your lawn washed into the lake during the rain and killed the fish.
  - Oxygen in the pond got too low due to the previous cloudy weather, warm temperatures, and too many fish.
  - There was a toxic algae bloom due to waste the fish and catfish feed generated.
  - Your envious neighbor probably poisoned it with rotenone.
- Which of the following is most important in determining when a pond or lake should be limed?
  - pH
  - Total hardness
  - Total alkalinity
  - Water clarity
- When stocking a pond, what prey (bluegill)-to-predator (bass) ratio is considered optimal?
  - 2 to 1
  - 5 to 1
  - 10 to 1
  - 20 to 1
- If you suspect low oxygen in your pond, the best time to check it is:
  - Noon
  - Dusk
  - Midnight
  - Daylight



**MARKING INSTRUCTIONS**CORRECT:  INCORRECT:    

8. What is the backbone of the forage base for largemouth bass in small impoundments?
- Hybrid sunfish
  - Bluegill
  - Redear sunfish
  - Threadfin Shad
  - Fathead minnows
9. Managing bass on lakes larger than 10 acres you should:
- Practice "catch and release" by returning all bass caught
  - Keep water clarity greater than 3 feet so that the bass can see lures better
  - Add 8 to 10 pounds of fathead minnows per acre each year to keep bass fat
  - All of the above
  - None of the above
10. A liability of using Florida largemouth bass to produce trophy-size bass is that they:
- Grow too slowly
  - Don't reproduce well enough
  - Can be hard to catch
  - Die at an early age
11. The most important part of a lake survey is the assessment of:
- The habitat
  - The fish population
  - The user group
12. The purpose of a nursery pond is:
- To provide supplemental forage for stocking
  - Improve genetics of existing fish populations
  - Grow-out of small fingerlings to stocker size fish
  - All of the above
13. Relative weight ( $W_r$ ) calculations:
- Are most beneficial for fall-caught fish
  - Are most beneficial for spring-caught fish
  - Require a weight measurement only
  - Are a great exercise for fisheries majors but don't mean much to pondowners
  - None of the above
14. What's the most common problem encountered during the post-treatment period of herbicide applications?
- Removal of all vegetation
  - Low oxygen
  - Phytoplankton bloom
  - No cover for forage fish



**MARKING INSTRUCTIONS**

CORRECT: ● INCORRECT: ✗ ⊗ ⓧ Ⓣ

15. Which of the following herbicides is not labeled for the control of aquatic vegetation?
- Aquathol
  - Rodeo
  - Karmex
  - Reward
  - None of the above
16. Anglers debate the relative benefit of aquatic plants to largemouth bass populations. Why are native aquatic plant communities assumed to be more beneficial in the long term than exotic species?
- Exotic species frequently form monocultures that may displace native plant communities.
  - Exotic plant species can become dense enough to limit angler access.
  - Exotic plant species can limit the ability of sport fishes to capture prey.
  - Exotic plant species are not as pretty as native species.
  - All of the above
  - None of the above
17. Texas Parks and Wildlife assures that grass carp won't reproduce in Texas because they:
- Are inspected by Texas Parks and Wildlife for triploidy
  - Are inspected by the USFWS for triploidy
  - Require that barriers are placed on pond spillways
  - Require that only diploid grass carp enter the state
18. You have noticed both live and dead fish near the water surface. Some fish have visible sores on their skin. You decide to get help in identifying the problem.
- You send one of the dead fish to the diagnostic lab for evaluation, because a dead fish will provide the best lesions to detect what killed it.
  - You send both a dead fish and a water sample to the diagnostic lab, so both the environment and the diseased animal can be evaluated to detect the disease problem.
  - You send 1-2 live "affected" fish and a "midday" water sample to the diagnostic lab, because they will be more representative samples for evaluation of an ongoing problem.
  - You send 1-2 live "affected" fish and an "early morning" water sample to the diagnostic lab, since they will provide the best information to evaluate an ongoing disease problem.
19. Which of the following control techniques is NOT legal for beaver control?
- Snares
  - Shooting
  - Toxicants
  - Traps
  - Snares and shooting
20. Which of the following choices is false? The double-crested cormorant, or water turkey:
- Nests in the Great Lakes region and migrates south in the winter
  - Has tremendously increased in population over the past 20 years
  - Feeds on both forage and game fish
  - Feeds beneath the surface
  - Cannot be legally killed by pond owners

