Improving Reproductive Efficiency of Cultured Finfish

broodstock in order to improve reproductive performance. While fish oil could not completely be eliminated from the diets to improve sustainability and reduce costs, production was improved by using lower inclusion rates (6% fish oil) than in diets previously used for Atlantic croaker. This will increase profitability over using higher lipid diets while still making moderate advances toward sustainability of the fish feed. The fish oil diets provide good basal diets for producers wanting to undertake Atlantic croaker production immediately while meeting or exceeding the reproductive performance of wild fish.

Over 100 million catfish eggs have been incubated thus far in on-farm trials. Next spring at least 16 four-trough see-saw units will be in commercial operation. Publication of blueprints and assembly instructions is planned. To speed transfer of the technology, a collaborating farmer is considering the manufacture and sale of single four-trough units so potential users can both test the unit in their hatchery and have a physical model to guide fabrication of additional units.

PUBLICATIONS, MANUSCRIPTS, OR PAPERS PRESENTED

Publications


Improving Reproductive Efficiency of Cultured Finfish


Theses and Dissertations


Presentations


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