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ALABAMA A&M & AUBURN UNIVERSITIES

Free USAS Webinar Aquaponics Economics

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Date: October 2, 2020

Time: 1:00 -2:00 Central Time



Aquaponics is a growing industry in the US and world. At Auburn University, we have been conducting interdisciplinary aquaponic research over the past decade. This presentation will provide our experience from an economic perspective. For the last four years we have tracked investment, daily costs and receipts associated with this integrated tilapia-vegetable aquaponic system. From actual data, cash flows, enterprise budgets and sensitivity analyses were developed and will be compared to our engineered enterprise budgets developed five years ago for the same system. Non-economists and aquaponic enthusiasts will become familiar with some of the basic building blocks used in farm management to determine profitability and cost of production of this exciting technology.

Dr. Terry Hanson is an Aquaculture Economist at Auburn University's School of Fisheries, Aquaculture and Aquatic Sciences in Auburn, Alabama. For over thirty years, Terry has conducted research on various aspects of fish culture production costs to include the interrelated effects of fish genetics, nutrition, disease, water quality, and value chain analysis. Species primarily include catfish, tilapia and shrimp grown in ponds, raceways and recirculating aquaculture systems. He has a Ph.D. in Agricultural Economics and Natural Resource Economics (1998), a Master of Agriculture in Production Agriculture (1985) and a Master of Science in Fisheries and Aquaculture (1984) from Auburn University. Terry was a Peace Corps Volunteer in the Republic of Niger, West Africa from 1987-1980 where he performed fishery biology and cooperative services for their Department of Fishery and Forestry. He has over 75 peer reviewed journal articles, over 110 popular articles, 104 published abstracts, over 285 scientific/professional presentations and 12 book chapters.



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