

Methinee Chuayruang 2011: Profile of Nile Tilapia Commercial Farm in Thailand.  
Master of Science (Agro-Industry Technology Management), Major Field: Agro-  
Industry Technology Management, Department of Agro-Industry Technology.  
Thesis Advisor: Assistant Professor Chutima Wisarayutt, Ph.D. 102 pages.

The objective of this research is to study Nile Tilapia culture and Supply Chain for fishery processing in Thailand. The questionnaires were used for collecting the supply chain information from farmers in nine provinces. The in-depth interviews was also conducted with frozen processing plants in Samutsakorn. Then, all information was summarized to the basis of Supply Chain Operation Reference-Model or SCOR Model. Two cultivation of Nile Tilapia were found : earthen ponds and cage culture. Depending on the geography of the culturing farm. Most of farmers had not applied Good Aquaculture Practice to their culturing farm. They farmed individually rather than forming into cooperation group. Culturing techniques shown the similar practice in overall farm management including sourcing and delivery method. The practice that made two culturing techniques difference was feed type. Cage culturing used only pellets that not only given higher yields but also production cost. Earthen pond culturing used more natural food within pond than pellets. For supply chain model the stakeholders were including farmers, collectors and processing plants. The collectors are the main stakeholder who do the major arrangement in chain. The level of cooperation among stakeholder within Nile Tilapia Supply Chain was still low.

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