

Nantaporn Buaiem, Acting Lieutenant 2010: Supply Chain Management for Mangosteens Exports in Chanthaburi. Master of Science (Agricultural Economics), Major Field: Agricultural Economics, Department of Agricultural and Resource Economics. Thesis Advisor: Associate Professor Napaporn Phromchana, M.S. 115 pages.

The main objectives of this research were to study production and marketing process of mangosteens, the ability of farmer's production for export, to analyze supply chain and marketing margin of mangosteen for export. The research methods are literature searches reviewing all readily available materials, survey and in-depth interviews with people involved in the supply chain especially 30 samples of farmers who get certification of Good Agricultural Practices in Amphur Khitchakut, Chantaburi province. Moreover, this research use SCOR - Model to analyze value chain of mangosteen in Chantaburi province by dividing farmer's production performance level into 3 groups such as high level, medium level and low level.

The results of study revealed that supply chain management of mangosteen for export is moderate. The result of evaluation in the knowledge exchange is the lowest. Farmers disregard to strengthen network for mangosteen export and they have marketing margin 46.17 percent of total. The result of correlation analysis between the farmer's ability to produce mangosteen for export and farmer's marketing margin shown that all production performance and the production operation in knowledge exchange correlated with marketing margin in the opposite direction at statistical significance Reliability of 99 Percentage. This can be explained that, if farmers develop their ability of mangosteen production for export, they will have marketing margin lower so their income will increase. Base on the study, it is suggested that farmers should be supported and promoted to integrate and build network for transferring technique of mangosteen production as good agricultural practices regulation. In addition, stakeholders through supply chain should be worked together for planning and exchange information.

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