

Title Supply chain management of cabbage
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Abstract

Cabbage is one of the most important vegetable in Thailand. The amount of cabbage production per year is around 222, 826 ton and it tends to increase yearly. Phu- Tub-Berg is a biggest area of cabbage production in Thailand. From the preliminary observation found that the cultivation and distribution of cabbage to the consumer faced quality loss problems. In case of distribution, the quality loss was observed due to a long and complex supply chain while, the improper cultivation practice was also related to the quality loss that affect the reduction of salable quantity. Thus the study of cabbage supply chain in Thailand is very important to solve a loss problem. The objective of this research was to discuss the upstream supply chain of cabbage. The production analysis of cabbage was followed the Supply Chain Operation Reference (SCOR) model that consists of 5 processes including plan, source, make, delivery and return. The survey was conducted at Phu-Tub-Berg area where belongs to Petchaboon province by using in-depth interview with 50 cabbage growers. The data from interview showed that all of 50 growers are not participated in contract farming system however, 22% of the grower follow the guideline of good agricultural practice (GAP). Most of growers (56%) have cabbage plantation area in a range of 0.16-0.8 hectare. A cultivar of cabbage that selected for growing is based on the grower experience and the extension service from seed company. The yield of cabbage from GAP certified farm (46.56 ton/hectare) was higher than non-GAP certified farm (41.25 ton/hectare). A price of cabbage per kg was not different between GAP and non-GAP certified farm, however GAP increases a yield of cabbage about 5.31 ton that gain a beneficial to grower.