

# **Development of Cold-Chain to Decrease Postharvest Loss and Enhance Quality and Safety of Vegetables in Domestic Market**

Nai Rathana

*Faculty of Agro-Industry, Royal University of Agriculture*

## **Abstract**

Horticultural crops produced in developing countries are lost before they can be consumed, mainly because of high rates of bruising, water loss, and subsequent decay during postharvest handling. A safe vegetable value chain includes all of the linked market actors, from local farmers to agricultural suppliers to market purveyors to consumers themselves. Quality, the degree of excellence or superiority, is a combination of attributes, properties, or characteristics that give each commodity value, in terms of its intended use. The main objective of this study is using Coolbot and analyze significant different of this method with other study modeling on vegetable is harvested. According to study procedure, farmer surveying will begin initially and follow by distinguished model from this survey for a case studying. The evaluation of this modeling to an experimental storage in Coolbot will be result the suitable method for maintenance safety and quality of vegetable even though tends to improve decreasing postharvest loss.