ABSTRACT

Ambon as a center for spices exporters obtain a supply of nutmeg from the Banda, and Seram Islands. In Ambon itself spices comes from the Hila, Kaitetu, Hika, and Liang as the main supplier of nutmeg. PT Ollop, industrial households in the Hila village, is the largest exporter of nutmeg in Maluku.

This study conducted an analysis of forecasting the amount of exports of nutmeg in the Ambon region for the next few years, counting optimization nutmeg in container load. And with the development of JMP (Jembatan Merah Putih) built in the area Galala to Poka to be cut off in the distance and the time of delivery nutmeg from Hila to the Port of Ambon to save shipping costs and time can be trimmed to 30 minutes. And look at the process of delivery of nutmeg from Hila to Ambon.

Besides that, the length of the waiting period in Surabaya and safety charge of nutmeg became one of the main points of this study. The length of waiting time in Surabaya is due to the length of time the ship docked in western BJTI, Aflatoxin Testing, Implementation Fumigation, as well as schedule adjustments Feeder Vessel to Singapore, and Mother Vessel towards Rotterdam. So the total time required to send a cargo of nutmeg Hila towards Rotterdam is 50 days (almost 2 months).

One proposed solution is to use the critical path method to parallelize the process of Aflatoxin Test and fumigation when in the PT DSS (Depo Surabaya Sejahtera). So it can cut up to 1 week. Besides the plan to test UNPATI Aflatoxin in order to cut faster delivery time also became one of the proposals made in this study.

Keywords: nutmeg, JMP (Bridge Red and White), Aflatoxin Test, fumigation, cargo safety