

***Analysis Of Tofu Quality Control Using The Statistical Process Control (SPC)
Method At UD Jamhari, Patrang District, Jember Regency***

Evinka Maylia Putri

*Agroindustry Management Study Program
Department Of Agribussines Management*

ABSTRACT

The potential opportunity to become a tofu business has a wide market share. UD Jamhari is one of the factories in Jember Regency which produces tofu products in the form of raw tofu and fried tofu. The most dominant production is raw tofu and errors often occur in the tofu production process which causes product defects. This research aims to analyze quality control of raw tofu, implement control charts and determine process capability values, as well as identify factors that cause defects in raw tofu at UD Jamhari. Based on the results of research conducted 20 times, it is known that the application of the np control chart to the variables of uniformity, wholeness and density of tofu has been statistically controlled. The production process capability at UD Jamhari is considered good with process capability (Cp) values of 94%, 96% and 99% respectively with the highest frequency of defects, namely the uniformity variable caused by human factors and methods.

Key Words: Tofu, Quality Control, Statistical Process Control