

ABSTRACT

In running its function as national rice buffer stock organizer in province level, DOLOG West Java need accurate information concerning SUBDOLOG operational data. Data had by DOLOG West Java not be kept in database but in the form of hard copy and spreadsheet which if needed to analysis will eat very old time. The information used as supporter appliance decision of tactical level of DOLOG West Java and in calculating prognosa levyng shell of rice in next year.

At this final task have been designed Data Mart rice stok in DOLOG West Java and analyse prognosa levyng DOLOG West Java shell of rice, and also done by comparison with method forecasting of Doubled Regression Time Series, Winters method, and ARIMA method with source of data from operational data levyng DOLOG West Java shell of rice at Data Mart Stok Rice prototype in DOLOG West Java, so that known by forecasting with Winters method can become reference to be made a good forecasting model in levyng DOLOG West Java shell of rice in year come.

Kept data in Data Mart come from source of SUBDOLOG operational data entire West Java. Used data is daily data of operational in each SUBDOLOG West Java. Prototype Data Mart Stok Rice in DOLOG West Java can be used as reference in Data Mart device implementation at condition in fact.

Prototype from Data Mart Stok Rice system in DOLOG West Java build up to assist to facilitate Head Area Operational and Head DOLOG West Java in analysing historical data had by concerning DOLOG West Java operational area, that is in the case of levyng shell of rice and rice, channeling of rice, mill shell of rice, shell of rice stok and rice, and also prognosa levyng shell of rice with data appearance by multidimension.

Keywords : *Buffer Stock, Data Mart, Forecasting of Method Winters.*