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 levying shell of rice in next year.

At this final task have been designed Data Mart rice stok in DOLOG West

Java and analyse prognosa levying 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 levying

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 levying 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 levying shell of rice and rice, channeling of rice, mill shell of rice, shell of rice

stok and rice, and also prognosa levying shell of rice with data appearance by

multidimension.

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

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