

ABSTRACT

PT Prasadha Aneka Niaga Tbk is a multinational company founded on April 16, 1974 whose main activities and business are processing and trading of crumb rubber, ground coffee and coffee beans. Crumb rubber production is carried out by the Company's Branch Office in Palembang, South Sumatera. In the production process, the company purchases raw materials every day for suppliers and selects slap for production according to quality and KKK (Dry Rubber Content). The drier rubber is higher KKK value and more expensive the price of slap. However, the company still has difficulty fulfilling demand even though it has already purchased raw materials every day. From the available data, the scrap value produced in production process is quite large, because the company is engaged in crumb rubber so it does not rule out the possibility of a lot of shrinkage in raw materials that has been purchased so production volume is lower than should be. Scrap from input to output makes it different with expectations demand. So from this research will focus on planning raw material needs by considering scrap and forecasting for next 12 periods.

Keyword: slap, forecasting. Routing sheet, scrap