

## ***ABSTRACT***

*Subdistrict ABC is producing vegetables - vegetables of good quality in the region of West Sumatra, in particular is a vegetable chili. The resulting chili will be sent to various areas outside the province. To reach areas outside the province must pass through several entities are included in the distribution process.*

*Farmers who became the first milestone of the distribution of agricultural products, often the most disadvantaged. In addition to the unstable market prices, but also because of the poor distribution. This research will be conducted simulations to obtain repair most optimal distribution process. The most optimal distribution process aims to minimize the cost of distribution, thus providing more profit to farmers.*

*From the simulation results obtained in the study, most processes are shipping to market to - four the number of demand chili sold as 200kg per week. Advantages of the proposed simulation results compared with the existing profit distribution process is Rp. 5.852 million..*

***Keyword: Distribution, Agriculture, Simulation***