ABSTRACT

Swallow birds are one of the biological resources that have high value both in terms of fauna ecology and the development of science and aesthetics. Swallow's Nests are produced from the saliva of swallow birds which are their natural habitat and dwellings in caves in forests and caves on the seafront. One of the swallow nest areas is Karang Makmur Village, Lalan District, Musi Banyuasin Regency, South Sumatra. A good quality Swallow's nest is a bird's nest that is well managed and produces a nest with a very high economic value. In this case, not many swallow nest farmers know how to distinguish the best quality which can be determined based on the shape, color, and cleanliness of the nest. Therefore, it is necessary to design and build a decision support system that aims to provide the best quality of swallow nest selection so as to know the selling value of swallow nest. This study uses the Simple Additive Weighting (SAW) method. The results showed that the decision making system for selecting the best quality swallow nests was needed by breeders in determining swallow nests, this system was quite easy to use. Having quite good features, this system makes it easy for users to determine the best quality swallow nest.

***Keywords**: Simple Additive Weighting (SAW), Swallow nest, quality*