

ABSTRACT

Dragon fruit or dragon fruit contains bioactive substances that are beneficial to the body such as antioxidants (ascorbic acid, beta-carotene, anthocyanins) and contains fiber in the form of pectin. In addition, dragon fruit contains several minerals such as calcium, phosphorus and iron. Vitamins in dragon fruit include vitamin B1, vitamin B2, vitamin B3 and vitamin C (Farikha et al., 2013). The purpose of this system is to regulate the temperature of dragon fruit plants to facilitate the farmer's production process and meet the market demand. This system uses fuzzy logic. The result of this research is a temperature control device for dragon fruit plants.

keyword: dragon fruit, fuzzy