

Sistem Pendukung Keputusan Penentuan Status Produktivitas Ayam

Petelur Menggunakan Metode Fuzzy Mamdani

Decision Support System For Determining The Productivity Status Of Laying

Hens Using The Fuzzy Mamdani Method

Airlangga Bayu Satriawan

Study Program of Informatics Engineering

Majoring in Information Technology

Program Studi Teknik Informatika

Jurusan Teknologi Informasi

ABSTRACT

Laying hens productivity is a condition where laying hens produce a lot of eggs which is indicated by a high percentage of laying hens. But in fact there are still many laying hens who do not realize that the laying hens are less productive or even unproductive because they only see the percentage of egg production. they pay less attention to how much feed is given to produce egg production, so if the feed is too much while the percentage of egg production is small then the chicken is said to be unproductive because the farmer can lose money because the feed given is a lot but the yield is small. This decision support system is expected to be used to determine the productivity status of laying hens so that it can help laying hens. Researchers used the Mamdani fuzzy method to determine the productivity status of laying hens. Testing is carried out with three methods, namely whitebox testing, validity testing, and user acceptance testing

Keyword: Fuzzy Mamdani, Laying Hens, Decision Support System.