

**Pengembangan Sistem Klasifikasi Benih Cabai Merah Besar Bermutu
Menggunakan Metode *Fuzzy Mamdani* (*Development Of Quality Red
Chilli Seed Classification System Using Mamdani Fuzzy Method*).
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ABSTRACT

If to determine the quality yield of large red chili seeds, it can be called hybrid and non-hybrid, then this solution is needed to design a system that results in a classification of the quality of large hybrid and non-hybrid red chili seeds in the form of a percentage yield. Tests on research on the development of a large red chili seed quality classification system using the Fuzzy Mamdani method based on 20 test data. Comparison of the quality status of the expert with the status of the program has a fairly good success rate of accuracy by obtaining an accuracy of 85%, namely 17 appropriate test data and 3 test data that do not match the comparison of the two quality status of the expert and the program quality status.

Key words* : *Seed Quality, Decision Support System, Fuzzy Mamdani.