

**Sistem Pakar Diagnosis Virus dan Penyakit Menggunakan Metode
Menggunakan Metode Dempster Shafer**

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ABSTRACT

Vannamei shrimp is the type of shrimp that is most widely exported from Indonesia and is profitable for vannamei shrimp farmers. An expert system is a system based on knowledge from experts to solve a problem that arises through individual unrest. This expert system was designed by researchers with the aim of diagnosing viruses and diseases of vannamei shrimp from the symptoms selected by the user to relieve vannamei shrimp farmers to diagnose viruses and diseases. This expert system is based on the Dempster Shafer method and is used to calculate belief to find the percentage of diseases that may attack. The results of this study obtained a system accuracy level of 100% by conducting 16 experiments from experts.

Keywords: Expert System, vannamei shrimp, Dempster Shafer.