ABSTRACT

EXPERT SYSTEM TO IDENTIFY PEST AND DISEASES OF GINGER BASED ON WEB WITH FORWARD CHAINING METHOD

By

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One of the factors of declining in ginger production are pests and diseases of ginger plants. Many people, especially farmers who do not understand in how to classify/differentiate the type of pests or disease which invante their ginger plants so the way to manage that problem become wrong. To make people or farmer easier in managing problem refer to ginger plants which invented by pest and disease, then it need application programe which can identify pest and ginger.

This research build expert system application which can used by people who do not know about pest and disease and how to controlling pest and disease of ginger plants. The development of programe are using inferensi metod called forward chaining. Application programe using HTML programe, XAMPP and for database MySQL, this application could identify pest or diseases with consultan proses refer to the system in faster and efisien way by using internet.

Keyword : Forward Chaining, Pest and Diseases, Expert System