ABSTRACT

Citrus plants is one of the plantation products that often experience problems. Where the problem is often not detected by farmers who only use the manual way or knowledge of the lay people about citrus plants disease to know the disease in citrus plants, thus reducing the effectiveness in the harvest.

With the expert system, the authors make a system that contains the knowledge of citrus plants disease whose knowledge obtained from experts or experts citrus plants the aim to reduce the loss rate of citrus farmers. This expert system uses forward chaining method using advanced sequence in search of citrus plant disease.

With this research, the result of diagnosis of diseases and pests in citrus plants, could produces the output of pests and diseases in citrus plants based on the symptoms entered by the user.