IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 1, September 2022

Disease Classification on Cotton Plant

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Abstract: In a study of recognizing and detecting cotton disease, the form of disease is chief portion in that, various structures of the pictures are takeout viz. the color of genuine disease-ridden image, there are thus numerous diseases happened on the cotton greenery so the leaf color for different diseases is also different, also there are several other features related to form of image, also there are different shape of holes are existing on the leaf of the image, generally the leaf of infected image have elliptical shape of holes, so calculating the foremost and negligible axis is the major task. The features could be extracted using self-organizing feature record together with a back-propagation neural web is used to recognize color of image. This data is used to piece of cotton leaf picture element within the image, nowadays image which is beneath attention is fine analyzed and reliant upon this software make additional analysis founded on the nature of this image.

Keywords: Image Dispensation Application in Agronomy Science, Coding, Study and Recognition, Biomedical Image Processing.

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DOI: 10.48175/568

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Volume 2, Issue 1, September 2022

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