

## LITERATURE SURVEY

### 1. Fertilizers Recommendation System for Disease Prediction In Tree Leave:

Agriculture is the main aspect of country development. Many people lead their life from agriculture field, which gives fully related to agricultural products. Plant disease, especially on leaves, is one of the major factors of reductions in both quality and quantity of the food crops. In agricultural aspects, if the plant is affected by leaf disease, then it reduces the growth of the agricultural level. Finding the leaf disease is an important role of agriculture preservation. After pre-processing using a median filter, segmentation is done by Guided Active Contour method and finally, the leaf disease is identified by using Support Vector Machine. The disease-based similarity measure is used for fertilizer recommendation.

2. Reyes Angie .K, Juan C. Caicedo, and Jorge E. Camargo, "Fine-tuning Deep Convolutional Networks for Plant Recognition", In CLEF (Working Notes), 2015.
3. Hamrouni .L, Aiadi .O, Khaldi .B and Kherfi .M.L, "Plants Species Identification using Computer Vision Techniques", Revue des Bioressources 7, no. 1, 2018.
4. Dimitrovski, Ivica, GjorgjiMadjarov, DragiKocev, and PetreLameski, "Maestra at LifeCLEF 2014 Plant Task: Plant Identification using Visual Data", In CLEF (Working Notes), pp. 705-714, 2014.
5. Naresh, Y. G., and H. S. Nagendraswamy, "Classification of medicinal plants: an approach using modified LBP with symbolic representation", Neurocomputing 173, pp: 1789-1797
6. Kaur, Lakhvir, and Vijay Laxmi, "A Review on Plant Leaf Classification and Segmentation", International Journal Of Engineering And Computer Science 5, no. 8, 2016.
7. Kadir, Abdul, Lukito Edi Nugroho, AdhiSusanto, and Paulus InsapSantosa, "Leaf classification using shape, color, and texture features", arXiv preprint arXiv:1401.4447, 2013.
8. Lee, Sue Han, CheeSeng Chan, Simon Joseph Mayo, and Paolo Remagnino, "How deep learning extracts and learns leaf features for plant classification", Pattern Recognition 71, pp: 1-13, 2017
9. Joly, Alexis, HervéGoéau, HervéGlotin, ConcettoSpampinato, Pierre Bonnet, Willem-Pier Vellinga, Julien Champ, Robert Planqué, Simone Palazzo, and Henning Müller, "LifeCLEF 2016: multimedia life species identification challenges", In International Conference of the Cross-Language Evaluation Forum for European Languages, pp. 286- 310, Springer, Cham, 2016.
10. Zeiler, Matthew D., and Rob Fergus, "Visualizing and understanding convolutional networks", In European conference on computer vision, pp. 818-833. Springer, Cham, 2014.