PROPOSED SOLUTION:

In this proposed System, we are going to recommend the fertilizers for the diseased plants. Here we take Sugarcane as a model for this solution. Sugarcane (Saccharum officinarum) is a tropical plant, and it is the most important sugar extracting crop in Sri Lanka. Sugarcane white leaf disease (WLD) is one of the most economically important diseases in Sri Lanka's sugarcane industry and WLD severely progresses in ratoon sugarcane, which ultimately affects yield. This system is used to determine the nutrient quantity of soil and predict various diseases crops may be infected with. As we know all the nutrients present in the soil but what amount of nutrients are present in the particular field. Every soil has different micronutrient. But to measure the amount of nutrient available in the soil we are going to design a device which will give proper reading of the micronutrient and that can be used to predict crop diseases.