Abstract

In past century total yield of the agriculture sector has decreased, due to several problems. But by using some technologies it has prevented to some extent. Mainly the crops in agriculture sector required water for life of the plant and produce yield. When today used several methods for provide water to crops by using lots of technologies.

However, there is no measurement for required water amount for crops according to the current state of the plant. Because of water consumption of crops are depend on the growth of the plants.it is change day by day and very difficult to measure.

By using some quantity of sample capsicum in same height planting in same soil mixture and this kind of sample get more than 05. every environment factor provides to sample plant in same quantity such as sunlight, humidity, temperature, but water is not providing in same amount. Water provide to every sample according to the special array system. The height of the capsicum plant and paper count of the capsicum plant for measure the growth rate of the capsicum plant. The ruler of the measurement hold near the plant and get photo graph for data analysis in each sample capsicum plant. These data incorporate to supervise neural network. Used two method for error analysis. According to the neural network analysis water amount of capsicum plant depend on the growth rate of the capsicum plant.