

DOMAIN: INTERNET OF THINGS

TITLE : IOT BASED SMART CROP PRODUCTION

1) What does the problem affects?

- ❖ Plants growth.
- ❖ Human health issues.

2) What are the issues occurs?

- ❖ Crop failure.
- ❖ Loss of farmers investment.
- ❖ Low production and yield.

3) What is the impact of the issue?

The nutrients in the plants will be absorbed by the pests, birds and animals. It affects the plant growth.. When huge number of pests eroded the leaves, it will also leads to destruction of crops. It also leads to cause diseases.

4) What would happen if we didn't solve the problem?

- ❖ Low amount of crop yield.
- ❖ Loss of invested money.
- ❖ Affects the plant's growth.
- ❖ Produces low nutritious product.

5) What would happen when it is fixed?

If it will be proposed in future, the manpower and maintenance cost will be reduced. It also avoids the pesticide usage. It ensures that it gives us the nutritious product with the high crop yield. It is environment friendly. The is also safe and secured.

6) Why it is important that we fix the problem?

It is important to fix the problem to reduce the work of farmers. We need to add some extra features to upgrade the farming methods for the upcoming generation.