List of Problem Statements

1. India is a Global agricultural powerhouse which is considered as the key for human progress. In the recent years due to multiple fertilizers present in market, farmers get confused. To overcome this problem , we need a trained model to recommend a fertilizer for farmers to increase crop yield.

2. Who does the problem affect?

    If the crop yield is low,

    *   The farmers who have cultivated the crop
    *   People who are dependent on the crop for food
    *   Indian Economy- Crop production is one of the most important sources of the income

    They will be affected if there is a problem in low yield.

3. What are the boundaries of the problem?
    *   The harvest should be good, so that the profit will get Improved.
    *   Want reliable data to get trained
    *   Over fertilizer can damage the crop yield
    *   Soil Degradation

4. What is the issue?
    *   If the Software do wrong recommendation, the crop yield will be affected

5. When does the issue occur?
    The crop yield will be affected if
    *   When trained data is wrong
    *   New diseases arise
    *   Data sparsity problem
    *   Synonymy problem- a fertilizer is represented with two or more different names

6. Where is the issue occurring?
    *   Due to lack of Knowledge about fertilizer
    *   If not work with correct dataset
    *   If the soil is not considered during analysis

7. Why is it important that we fix the problem?

    *   Balance nutrients to produce quality and higher yield
    *   Save time and cost
    *   Allow crops to grow faster