

DATAx PROBLEM VALIDATION
Team B12
Project -Crop & Fertilizer Recommendation

Farmer Interview 1

1. Can you tell me more about the farming and the last harvest you did?
I am new to farming side and my father has been a farmer throughout his life. Its the last 3 months back we harvested and stored and sold it in mandis and local market.
2. Why do you do farming?
I do farming for living and was in IT field before and now moved to agricultural farming due to job pressure.
3. What fertilizer do you use to save your crops from weed?
We use NPK fertilizer which contains primary nutrients such as Nitrogen, Phosphorus and Potash in equal proportion.
4. What crops do u sow in your field?
I chose to go with kharif crops such as maize and jowar.
5. Why you chose maize and jowar crop?
Other farmers suggested to practice farming with maize and jowar.
6. How much profit you got from previous harvest?
This time we faced much loss as produce was less and quality was not good. My Other state farmers friends used to get Rs.1900-2000 per quintal.
7. How often do you experience problem?
For the past 2 harvest we are facing the same problem.
8. According to u what are the reasons for this loss & have u tried growing other crops?
I dont want to take risk in trying different crops and place myself in debt. Also i think maybe because of crop protection and using poor fertilizer.
9. How would u appreciate if there is a webapp that suggests you the crop and fertilizer to be used based on some questions asked to you.
I personally welcome such solutions and may suggest my other farmer friends if the result proved to be accurate and assure profit for us.

Farmer Interview 2

- Can you tell me more about the farming and the last harvest you did?
I am doing farming for 2-3 years. Its the last 4 months back we harvested and stored and sold it in mandis and local market.
- Why do you do farming?
I belong to farmer family and my father & grandfather is also a farmer.
- What fertilizer do you use to save your crops from weed?
I use neem coated urea and NK mixture of fertilizers.
- What crops do u sow in your field?
I chose to go with paddy(rice) crop.
- Why you chose paddy crop?
I myself felt to chose to cultivate lands for paddy crops and we get more money for paddy and MSP is also more here.
- How much profit you got from previous harvest?
I would say i used to get 0% or 5% profit and i usually get money what i spent up in the field.
- How often do you experience problem?
For the past 3 harvest I am getting less profit than what i expected.
- According to u what are the reasons for this loss & have u tried growing other crops?
I dont want to take risk in trying different crops and see myself in debt. Also i think maybe because of soil, weather condition and using poor fertilizer.
- How would u see if there is a webapp that suggests you the crop and fertilizer to be used based on some questions asked to you.
It will be very helpful for the farmers and would be nice if the system result proved to be accurate and assure profit for us.