

**INDIA'S AGRICULTURAL CROP PRODUCTION AND
ANALYSIS
(1997 – 2021)**

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1.INTRODUCTION

1.1Overview

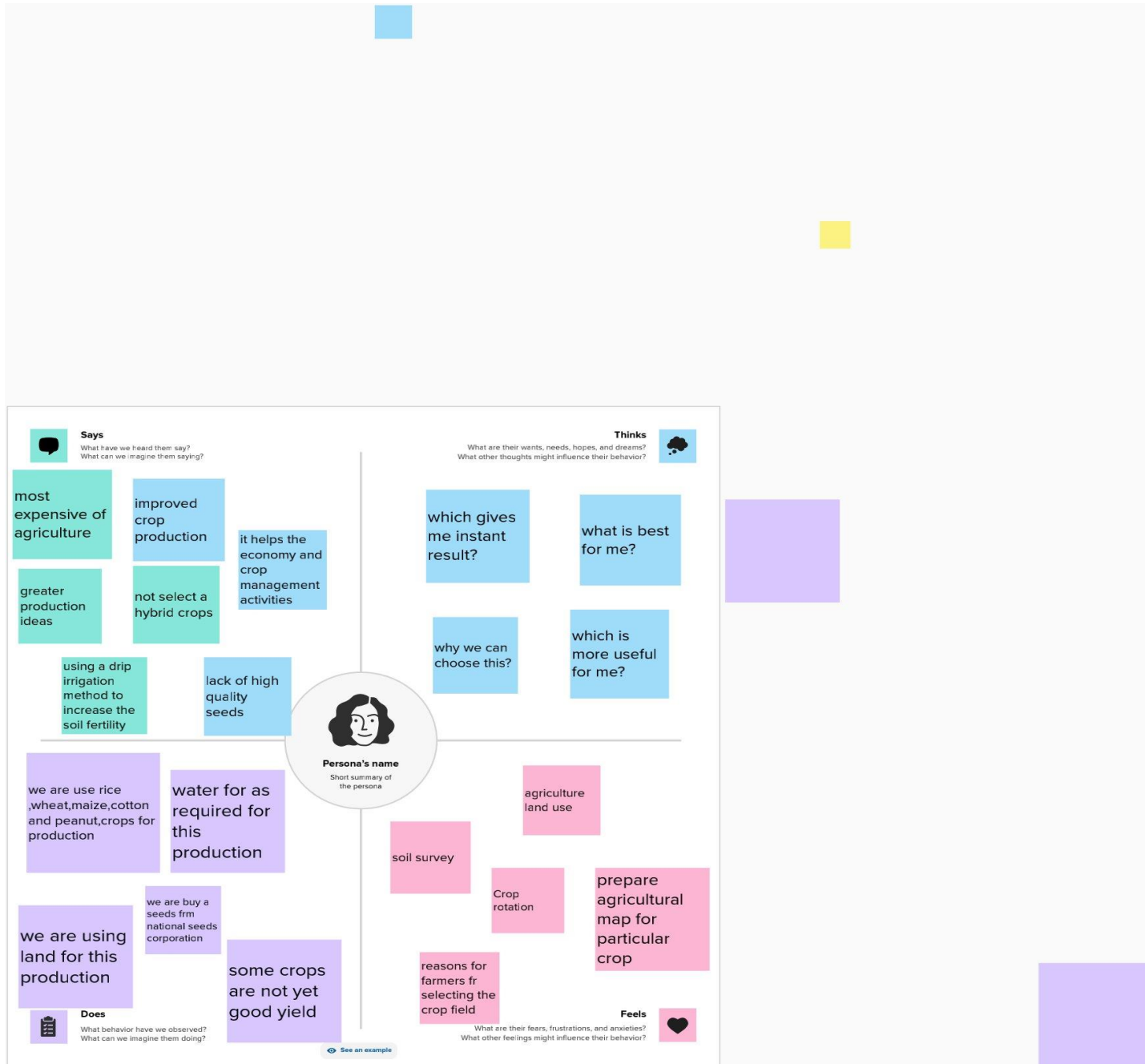
- Agriculture is the backbone of Indian economy. Agriculture is the most important occupation for most of the Indian families
- The crops are divided on the basis of the seasons in which they grow

1.2Purpose

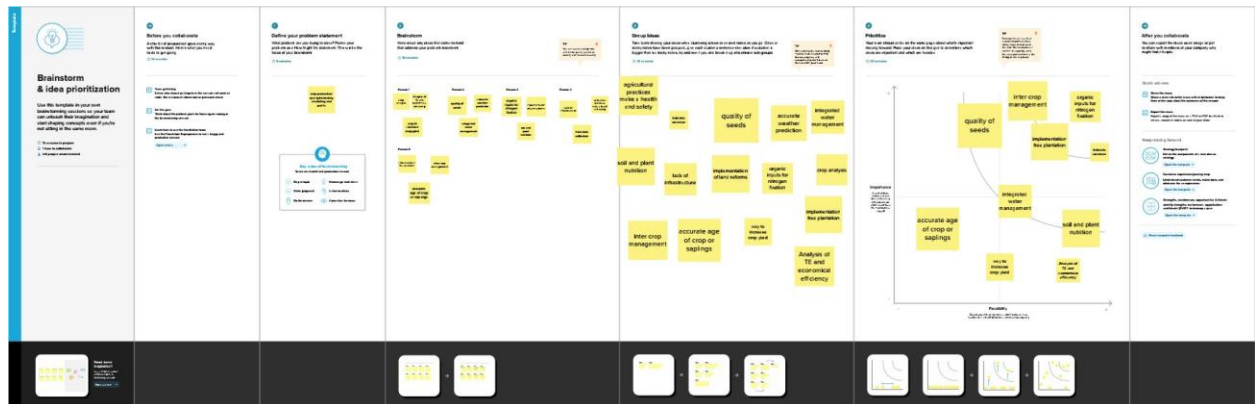
- There is a marked shift from the cultivation of food grains to commercial crops
- Crop production is the basis for providing the live stocks industry with feed and the population with food

2.PROBLEM DEFINITION AND DESIGN THINKING

2.1 EMPATHY MAP



2.2 IDEATION AND BRAINSTORMING MAP



3.ADVANTAGES

- Providing raw materials for food and other products and building strong economics throw trade
- It can decrease production time
- Machines are helpful for planting the seeds chemicals are used for pest control

DISADVANTAGES

- It can lead to several environment issues such as deforestation, soil and degradation water pollution and biodiversity loss
- Erosion of soil by heavy rain
- Increase the use of pesticides and fertilizers,which also contribute to global warming

4.APPLICATIONS

- Crop yield prediction is an important aspect of agriculture that helps farmers make informed decisions about their crops

- To predict plant growth and development as influenced by environmental conditions and crop management

5.FUTURE SCOPE

- There will be more of vertical and urban farming and their will also be efforts in long term to find new areas for production like barren deserts and sea water

6.RESULT

- Indias among the top producers of several crops such as wheat, rice, pulses, sugarcane and cotton.

7.CONCLUSION

Indias agricultural sector is still very important to the Indian economy although its share of the economy has decreased over the past fifty years.