

# INDAIA'S AGRICULTURAL CROP PRODUCTION ANALYSIS (1997-2021)

## 1.INTRODUCTION

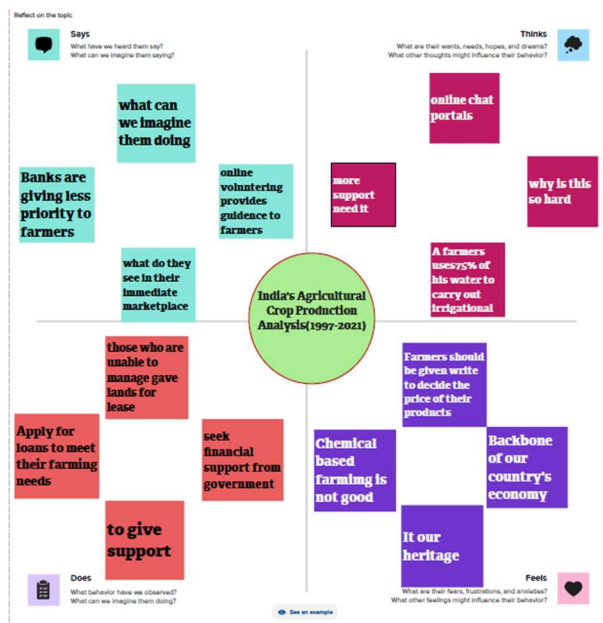
agricultural cultivation, providing a comprehensive visual exploration of key aspects and trends in the agricultural sector. Crop production India's s a branch of agricultural that deals with the yield of crops helping to meet the demand for food and fibre

## 2.PURPOOSE

This report delves into the captivating realm of India's agricultural cultivation, providing a comprehensive visual exploration of key aspects and trends in the agricultural sector. Supporting livelihood through food ,habitat ,and jobs; providing raw materials for food and other products; and building strong economics through trade.

## 3.PROBLEM DEFINITION &DESIGNING THINKING

### EMPATHY MAP



### BRAINSTORMING

# INDIA'S AGRICULTURAL CROP PRODUCTION ANALYSIS (1997-2021)



## RESULT

### STATEWISE AGRICULTURAL LAND



#### AREA VS PRODUCTION

#### YIELD BY SEASON

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t 4

#### CROPS PLANTATION BY COUNT

### MAJOR CROPS

|            |            | Year    |         |
|------------|------------|---------|---------|
| Production | Production | 1997-98 | 1998-99 |
| Null       | Null       |         |         |
| 0          | 0          |         |         |
| 0.1        | 0.1        |         |         |
| 0.5        | 0.5        |         |         |
| 1          | 1          | 1       |         |

| Production |     |     |
|------------|-----|-----|
| Null       | 2.9 | 5   |
| 0          | 3   | 5.6 |
| 0.1        | 3.2 | 6   |
| 0.5        | 3.5 | 6.5 |
| 1          | 3.6 | 6.7 |
| 1.4        | 3.7 | 7   |



## ADVANTAGES AND DISADVANTAGES

| ADVANTAGES   | DIS ADVANTAGES  |
|--|---|
| 1. THERE IS OVER ALL INCREASE IN YIELD OF CROPS MAINLY DUE TO MAINTAINING PHYSICAL-CHEMICAL PROPERTIES OF SOIL | i. ENVIRONMENTAL DEGRADATION<br>ii. PEST AND WEED RESISTANCE TO CHEMICALS                               |
| 2. PREVENT OR LIMIT PERIODS OF PEAK REQUIREMENTS OF IRRIGATION WATER   | 2. EROSION OF SOIL BY HEAVY RAIN, FLOODS, INSUFFICIENT VEGETATION COVER ETC.. REDUCES FARM PRODUCTIVITY |

## APPLICATION

- NUTRIENT AVAILABILITY
- IT PROVIDES EMPLOYMENT OPPORTUNITY TO THE RURAL AGRICULTURE AS WELL AS NON-AGRICULTURAL LABOURERS. IT IS THE SOURCE OF FOOD AND FOODER
- RURAL AREAS
- INDIA, CHINA, BRAZIL ETC...

## CONCLUSION

THE AGRICULTURAL SECTOR IS OF VITAL IMPORTANCE FOR THE REGION

## FUTURE SCOPE

FROM AGRICULTURAL FARMS TO EDUCATIONAL INSTITUTIONS AND RESEARCH CENTRES THESE GRADUATES ARE IN VERY HIGH DEMAND

| STATE WISE<br>AGRICULTURAL LAND | AREA VS PRODUCTION | YIELD BY SEASON | CROP PLANTATION BY<br>AREA | MAJOR CROPS<br>GROWTH | CROPS | SE<br>FO |
|---------------------------------|--------------------|-----------------|----------------------------|-----------------------|-------|----------|
|                                 |                    |                 |                            |                       |       |          |