

October 2023

Report on :

Agriculture Crop Production on 1997- 2021

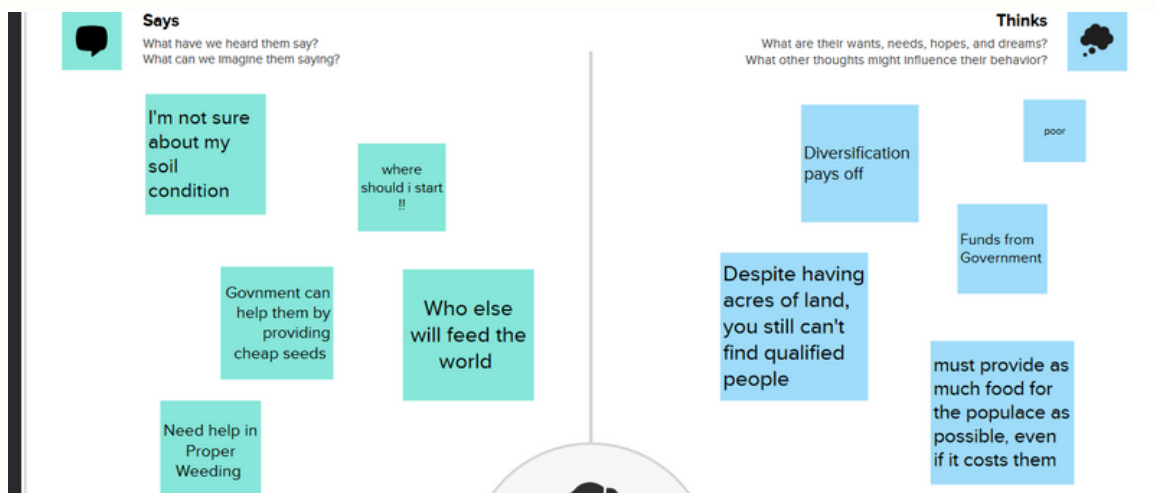
Prepared by: Abdul Aleem A
Bachelors of Maths

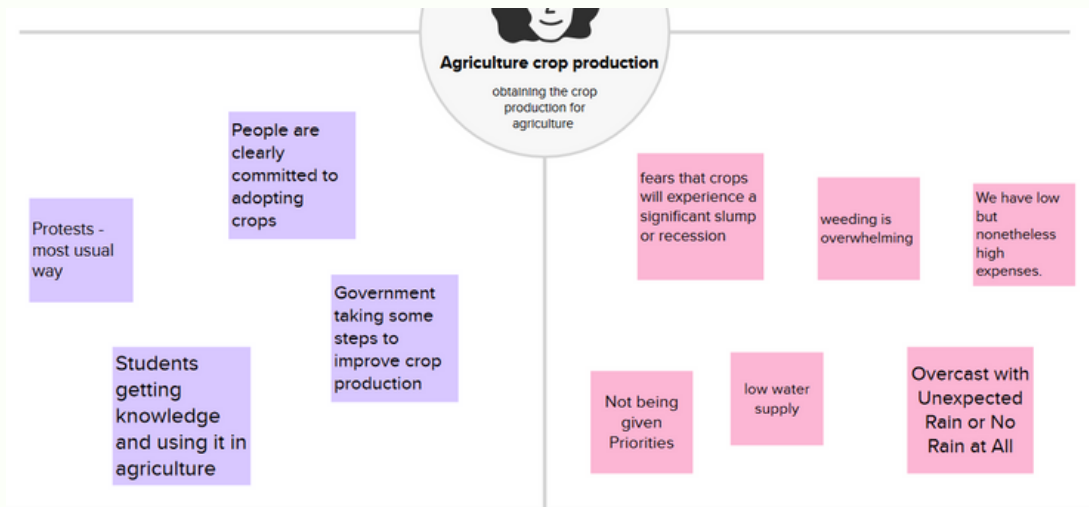
Approved by: Rajasekar,
Digital Mentor

Introduction

Agriculture is a vital component of the global economy, and understanding crop production trends is crucial for both policy-makers and farmers. This report delves into the dynamics of agriculture crop production from 1997 to 2021, offering valuable insights into the changes, challenges, and opportunities within the sector.

2.1 Empathy map





2.2 Brainstorming

Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 10 minutes to prepare
- 1 hour to collaborate
- 2-8 people recommended

Before you collaborate

1. Little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

- Team gathering: Define who shows up to the session and send an invite. Share relevant information or ground rules.
- Set the goal: Share about the problem you'll be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools: Use the Facilitation Superpowers to run a happy and productive session.

Open article

Define your problem statement

What problem are you trying to solve? Frame your problem as a how might the statement. This will be the focus of your brainstorm.

5 minutes

PROBLEM

The average crop production so that we can figure out what place we made an abundance of resources and what we did specifically in these instances with the aim to best maximize the production's outcomes.

Key rules of brainstorming

To run an efficient and productive session

- Stay in topic
- Encourage wild ideas
- Defer judgement
- Lean on others
- Be far volume
- If possible, be visual

Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

Goal: The enhancement of seedling quality and the creation of a robust and resilient plant system.

Role: The role of the facilitator is to ensure that the team is focused on the goal and to encourage the team to think outside the box.

Brainstorming: The team will brainstorm ideas for improving seedling quality and creating a robust and resilient plant system. The team will use the 'How might we' statement to guide their brainstorming.

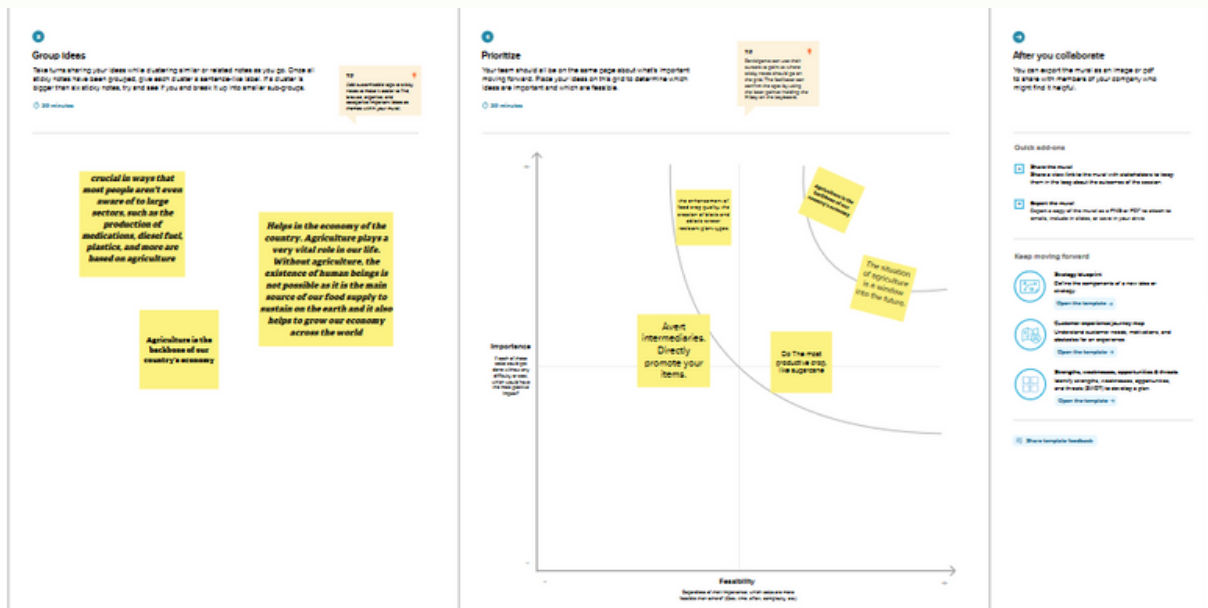
Person 1: [Blank box]

Person 2: [Blank box]

Person 3: [Blank box]

Person 4: [Blank box]

10: You can either write a sticky note and use the pencil tool to move it to the board, or you can use the 'Add' button to add a new sticky note.



Scope

The scope of this report encompasses a wide range of factors influencing agriculture crop production from 1997 to 2021, taking into account both global and regional contexts. The analysis will cover the following aspects:

- 1. Crop Categories:** We will examine various crop categories, including cereals (e.g., wheat, rice, maize), oilseeds (e.g., soybeans, sunflower), pulses, fruits, vegetables, and cash crops. By analyzing these categories individually, we can understand the specific trends and challenges within each.
- 2. Regional Analysis:** This report will provide an in-depth regional breakdown, allowing for a comparative assessment of crop production. Regions may include North America, Europe, Asia, Africa, and South America, as well as sub-regional analyses for more precise insights.
- 3. Drivers of Change:** We will explore the key drivers of change in crop production, such as technological advancements (e.g., genetically modified crops and precision agriculture), shifts in land use, changes in farming practices, and the influence of global markets.

Merits and Demerits

Merits:

*The next step is to decide what metrics matter to you.
Below are some metrics you can start with:*

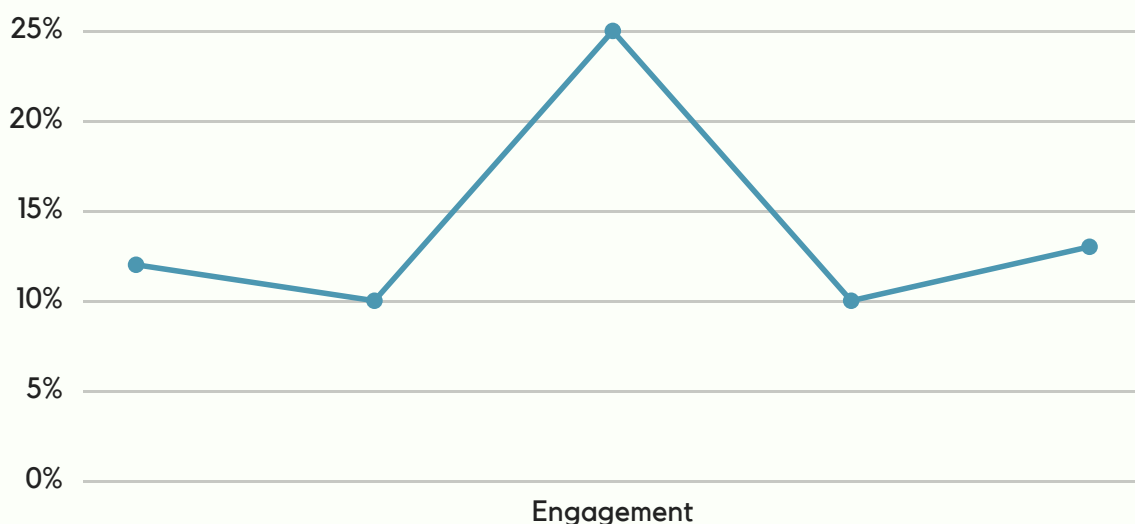
- Food Security: Increased crop production ensures food availability.
- Economic Growth: A boost to the agriculture sector can stimulate economic growth.
- Technological Advancements: Innovations have improved crop yields.
- Sustainable Agriculture: Promoting sustainable practices.

Demerits:

- Environmental Degradation: Intensive agriculture can harm ecosystems.
- Climate Vulnerability: Changing weather patterns affect crop yields.
- Market Vulnerability: Dependence on a few crops can lead to market volatility.

Methodology:

Data for this report was collected from various sources, including government agricultural agencies, international organizations, and research institutions. The primary methods used for analysis were statistical techniques, trend analysis, and comparison of historical data



After presenting your social media overview, you're ready to show your goals and key initiatives. Start by identifying the objectives that the team has set for the reporting period, then relate these to bigger business objectives. If the team has been embarking on key initiatives, include that here as well. Remember to keep it simple and zero in on your main goals. For context, present data in easy-to-follow charts, which present the progress you have done month to month.

Doing so gives you the opportunity to show how your social media program has been improving over time, as well as how these activities are adding value to the organization.

Applications:

Paid vs. Organic Reach

The findings of this report have several applications:

- **Policy Development:** Governments can use the data to formulate agricultural policies.
- **Crop Selection:** Farmers can make informed decisions about what to grow.
- **Investment Decisions:** Investors can identify emerging opportunities.
- **Environmental Conservation:** It can guide sustainable agriculture initiatives.

Future Scope:

Leslie Jones, Community Manager

Katie Williams, Social Media Analyst

The study of agriculture crop production is an ongoing process. Future research can focus on:

- The impact of advanced technologies like precision farming.
- Sustainable agriculture practices and their long-term effects.
- Crop diversity and resilience in the face of climate change.

Conclusion:

Crop production from 1997 to 2021 has shown significant changes, influenced by technological advancements, climate change, and market dynamics. Understanding the merits and demerits of this growth is essential to ensure food security, economic stability, and environmental sustainability. The future scope of research in this area offers promising opportunities for growth and resilience in the agriculture sector.