

CT&DT SPSU

BATCH.NO:

TASK.NO: 10

TASK NAME: INFERENCE MAPPING

Reference article:

Title: “The impact of climate change on global agriculture”

Inference report:

1. Core Idea: Climate change significantly affects global agricultural productivity, leading to food security challenges.

2. Supporting Information:

- **Temperature changes: rising temperature may alter crop yields, with some regions experiencing decreases.**
- **Precipitation Variability: Changes in rainfall patterns can lead to droughts or floods, impacting planting and harvesting cycles.**
- **Pest and Disease Dynamics: Warmer climates may increase the prevalence of agricultural pests and diseases, threatening crop health.**

3. Assumptions: The authors assume that current agricultural practices may not adopt quickly enough to changing climate conditions.

4. Conclusions: Immediate action is needed to develop adaptive agriculture strategies to mitigate climate impacts.

Policymakers must consider long-term climate projections in agricultural planning.

5. Review and Impacts: This report highlights the urgent need for research in climate-resilient crops.

It suggests collaborative international efforts to address food security in the face of climate change.

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