

For wheat, a holistic approach with a long-term perspective is needed of the hour without which the country risk becoming an importer over time. Explain.

India and wheat:

India stands second after China in production as well as a larger consumer of wheat among world countries. Recent Ukraine - Russia war poses threat to food security of many countries like adding fuel to the fire of climate change.

Long term Threat to the wheat crop

Wheat

(Rabi crop + dry sunshine at harvest)

↓ ← change of climate

> $\frac{2}{3}$ of the production (under weight grain)

↓
Poor procurement strategies + lack of storage infrastructure

↓
Low price at international market

↓
Lack of sustainable export of wheat

(Attribute: Climate + Trade deal + crop & food subsidies + war)
+ soil fertility

As per the Data of Department of Food & Public distribution 44.4 MMT of wheat have been procured and demand for wheat inside the country is also high due to consumption pattern.

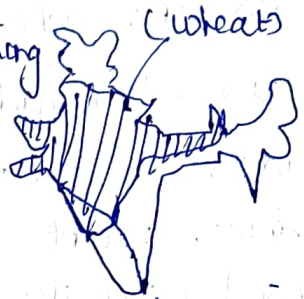
Threat Overseas:

According to the World Trade Organisation, India artificially boosts its wheat production through

various subsidies and MSP policies; But without which would be pathetic for cultivators,

Long in near future may push to import?

- Though wheat stands as high consuming cereal crop, the production was only confined in Rabi season.
- Poor quality of soil, fertilizer and pesticidal pollution poses threat to the food security and causes diseases like Blue Baby Syndrome in Bijnor.



- High cost machines and technologies such as "Happy Seeder" are far away to small & marginal farmers who contribute 85% of domain.
- Reduced Budget allocation for Agriculture (2022-23) and priority for change over millets also poses threat in adoption and sustainable production.
- Change in Bilateral regimes in International trade may lead to compromise the food safety and inflation inside India.

Way forward:

- * Crop and farm resilient practices such as Pusa Decomposers and reduced carbon footprint technologies must be adapted.
- * Extensionist in Agriculture must act in farm in accordance with global scenario
- * Govt intervention in policy making and implementation must be neutral considering farm as well as home