

② Impact of climate-related food shortages could be more dangerous than covid-19? Comment?

As the war in Ukraine continues, global food supply chain disrupted. Wheat exp from Ukraine & Russia has been affected. Since Ukraine & Russia are leading wheat exporters.

With this food crisis, India stepped up to fill this demand void which gave hope to many ^{wheat} import countries. But the sudden ban on wheat exp. led to

Severe criticism. ~~across~~ *

The backdrop of this is due to the unexpected summer heats affected wheat production & food grain size, which made them to ban and avert domestic shortages.

It can be understood that India's ~~is~~ agri is victim of climate change, which is propelling global warming to high temp each year thereby leading to increasing in water and heat stress.

It has been estimated that ~~for~~ 1°C rise in temp would decrease 10% crop yields. This can be experienced in sub-saharan Africa ranges.

With rise in temp $\downarrow$ CO_2 in Atmosphere crop yield will be affected. Rice & wheat will have reduced ^{lbs of} Zinc, protein & Iron

- * We need global will to speed up our journey to a carbon neutral future.
- * [Quinoa, pearl millet, sorghum, chickpea] are among the crop which are highly resilient to climate change.
- * We need to adopt climate-smart agriculture to increase the crop yield.
- * We should grow nutrient rich crop rather than filler crops like [Tobacco] - which consumes more water & pesticides & fertile land.
- * Global food shortages pose same threat as COVID-19 as it ~~pro~~ could prolongs for several decades. So, collective action in fighting climate change results in better future.