

(Please do not write anything except the question number in this space)

कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

Jan 19

UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis. .
Content of the Question is more important than length.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को इस हाशिए में नहीं लिखना चाहिए
Candidates must not write on this margin

2) For sustainable Agriculture, rainfed areas in the country will be a good place to take up natural farming. Comment.

↳ Natural Farming.

It is a chemical free alias traditional farming method. It is considered as agroecology based diversified farming system which integrates crops, trees and livestock with functional Biodiversity.

↳ Natural farming needs to be practised on scale and in areas that do not impact food security.

↳ Rainfed and tribal areas which are still not agri input intensive, productivity of these areas must be stabilised and improvised nearly 55% of our net sown area is rainfed.

4) Challenges Facing Natural Farming

↳ India was Practising subsistence and sustainable farming.

1) British commercialised Indian Agriculture with Indigo Plantations. Growing Crops for market gradually became the norm and world wars accentuated this Commercialization.

2) 1943 Bengal Famine wiped away nearly 4 million of our 60 million population.

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3) After second world war ammunition companies repurposed themselves producing Nitrogenous fertilizer using Haber-Bosch Process.

4) Green Revolution Impact in 1960's was based on High yielding varieties, irrigation and fertilisers.

5) Agri exporting Nation The Green Revolution transformed India from a 'ship to mouth' existence through the American PL-480 food grants

↳ Need for an Natural Farming

↳ There is huge political commitment to Natural farming. Post COVID-19 the demand for Immunity Boosting natural food has increased.

↳ Urban population is ready to pay the price differential.

↳ Fertiliser Subsidy is skyrocketing and fertiliser use efficiency is decreasing but we are still suffering because of our Agricultural History.

↳ Way Forward.

It is time Natural farming is taken up on scale. Rainfed areas will be a good place to start.