

How the country can be amonished in food
even in the face of adverse climate
change ? Explain (200 words)

Thomas Malthus proposed
and argued that although human
population tend to increase, the
happiness of a nation requires like
increase in food production.

World is witnessing an extreme
climate change ~~which~~ thereby repercuse on
on food production.

In prevalent climate condition
the agriculture accounts for 10% GDPs
which have direct correlation with
extreme weather. If the situation
continued, it will compromise SOG2

So the following measures should
be taken.

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न लिखें
(Don't write anything
in this part)

- (1) Climate smart agriculture so that it has minimal effect on the environment
- (2) Sustainable use of surface stored water and other form of the water in agriculture.
example: Drip irrigation used by Ossack is not introduced in India.
- (3) Afforestation and decrease in deforestation to cope with water stress problem and to conserve moisture of the soil.
- (4) Encouragement of zero tillage by using high yield varieties, GM crops.
- (5) Use of aeroponics, hydroponics and other modern methods which are sustainable in horticulture.
- (6) Biofortification of grains to reduce stress on environment.

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- ① Accelerated encouragement of organic farming and, Natural farming and zero budget natural farming to reduce stress on soil, as well as environment.
- ② Public participation and sensitization about sustainable agriculture, as well as research and development in the field of sustainable agriculture will have long term benefits.

Thus, range of intervention in the regards of high yield variety and sustainable methods are way out for forthcoming food problems.