

GS-III Environmental Pollution and Degradation.

1. What are the Causes and Harmful Effects of Stubble Burning and Discuss the various sustainable ways for Disposal of Agri-Waste?

Why this Question?

- At times, situations press us into a corner where we need to face the challenges head on and reach a long-term solution. Pollution caused by burning of crop residue is one such unprecedented crisis.

Key Demands of Question:

- Briefly explain the causes for the stubble burning.
- Explain the harmful impacts of stubble burning on environment.
- Discuss the various sustainable ways for disposal of Agri-Wastes.

Structure of Answer:

Introduction:

- Briefly mention the stubble burning issue in India and the importance to address the same.

Body:

- Explain in detail about the causes of the stubble burning in India. For example, short duration to clear the field for next sowing.
- Mention the multidimensional harmful effects. For example its effects on environment, pollution, loss of soil fertility, etc.
- Explain the alternative sustainable ways to dispose the agri-waste. For example, wealth from waste.
- Illustrate any success model in this regard. For example, Chhattisgarh model.
- Discuss the farmer's challenges to opt for the sustainable ways.

Conclusion:

- Conclude with the way forward measures to address the problem holistically and the role played the government to address the same.