

Boosting agriculture and its effect on Pakistan's economy

Date 10-Aug-2024

2.1 Modernization:

- 2.1.1 Introducing modern irrigation methods
- 2.1.2 Introducing modern technology
- 2.1.3 Farming Climate resilient crops varieties.

Paragraph :

Firstly, this essay will discuss the methods to boost agriculture. In boosting agriculture, introduction of modern irrigation methods is of paramount importance. Modern irrigation methods such as drip irrigation, sprinkler irrigation and furrow irrigation etc have revolutionized the agriculture sector. But in Pakistan, a large number of farmers are still using flood irrigation method. Modern irrigation methods saves around 50% water as compared to traditional irrigation method. These methods also increase crops yield and reduce the use of fertilizers by providing better nutrient management. Modern Agricultural technologies should also be inculcated in Pakistan's agriculture sector. Modern equipments like tractors, harvesters etc make farming faster and more efficient. Technology like Global Positioning System help farmers apply water, fertilizer and pesticides exactly where they needed, reducing waste. Automation with robots and drones help in planting and monitoring crops. These innovations make farming

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more productive, save time and reduce costs. Another way
to improve productivity is and to reduce climate
related losses is farming climate tolerant crops.
It is essential for Pakistan as "Pakistan is
the fifth most climate vulnerable country in the
world", according to Global Climate Risk Index.