

Boosting agriculture and its effect on Pakistan's economy

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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 techno-irrigation methods is of paramount importance. Modern irrigation methods such as drip irrigation sprinklers irrigation and furrow irrigation etc has revolutionized the agriculture sector. But in Pakistan, a large number of farmers are still using ~~the~~ flood irrigation method. Modern irrigation methods saves around 50% water as compared to traditional irrigation methods. 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 ~~to~~ 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 innovation 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.