

Q. Explain the significance of Indian Dairy sector and discuss how climate change affects the sector (15 words)?

The country is recently importing the Butter and Ghee, due to shortage of milk.

### Significance of Dairy Sector

- ① Milk and milk products are rich in Proteins
- ② They are the key source of calcium, vitamins
- ③ Source of income for farmers and women.
- ④ Strengthens the rural economy.

### Challenges in Dairy sector

- ① COVID Pandemic : Demand destruction led to the inability of farmers to invest.



② Lumpy Skin Disease : led to the increase in death count of the cattle. Hence effects the production of dairy products.

③ Milk storage : Due to increase in population, urbanisation and changing diets, demands of Dairy products are increasing.

④ Climate Change : It has been observed that with rise in temperature the yield of milk production among animals are decreasing.

- Milk Yield is decreasing.
  - Farmers are seeing high failure of conceptions.
  - Cows are becoming unproductive.
- hence, production of milk is at loss.

The Government came up with a policy called 'Sex sorted Semen'. But it increased only female calves. Hence Male cattle is overlooked.

Major states that experienced the losses are Rajasthan, UP, Madhya Pradesh, Haryana.

In India, Dairy is a source of livelihood for millions of small scale and marginal farmers. Any decision related to this sector has to be therefore not only politically motivated but also scientific.