

Impact of Climate change on Insect Pests



An online training program entitled “Impact of Climate Change on Insect Pests” Impact of higher CO₂ Concentration, and Precipitation Pattern was discussed by Dr.S.B. Das. Details on how insects Response to increased temperature, and to Increased CO₂ Concentration was also explained. Total 39 students attended the program out of which 66.67% were male and 33.33% were female. They belong to UR (15.4%), OBC (51.3%), SC (15.4%) and ST (17.8%) categories.

Participants attended training on impact of climate change on insect pests									
Number of Participants						% of participants in different category			
Gender	Gen	OBC	SC	ST	Total	Gen	OBC	SC	ST
Male	3	13	5	5	26	11.5	50.0	19.2	19.2
Female	3	7	1	2	13	23.1	53.8	7.7	15.4
Total	6	20	6	7	39	15.4	51.3	15.4	17.8

B. Experimental approaches-Contd.


Effect of rainfall

- Distribution and frequency of rainfall may also affect the incidence of pests directly as well as through changes in humidity levels.
- Armyworm, *Mythimna separata*, reaches outbreak proportions after heavy rains and floods.





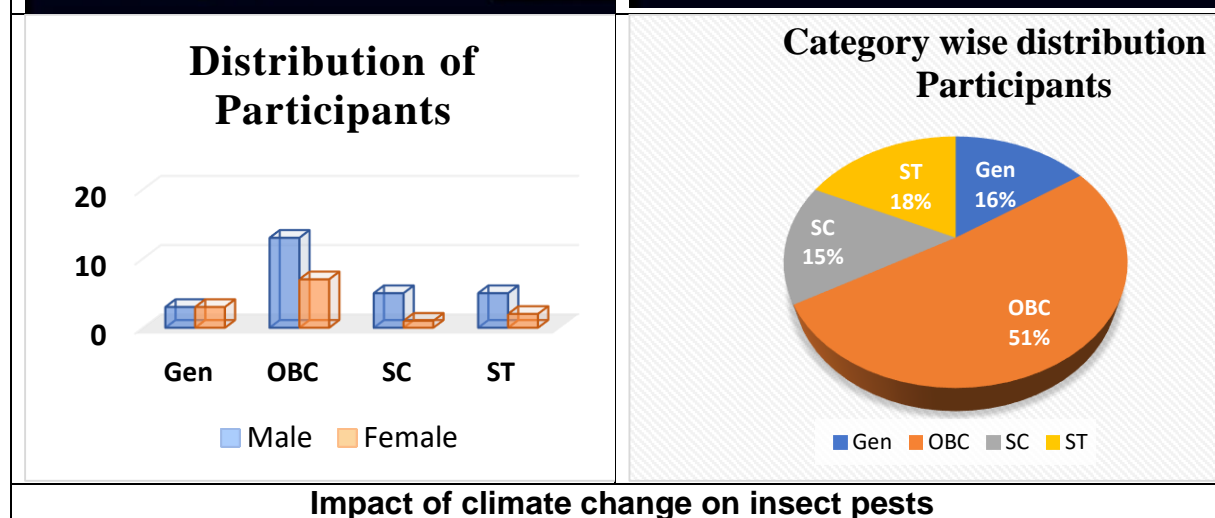
Difference between “global warming” and “climate change”?

GLOBAL WARMING
Is the increase of the Earth’s average surface temperature due to a build-up of greenhouse gases in the atmosphere.



CLIMATE CHANGE
Is a broader term that refers to long-term changes in climate, including average temperature and precipitation.





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