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Plant resistance to insect pests

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What is plant resistance?

- When (heritable) plant qualities results in a relatively less plant damage by insects as compare to plant without these qualities
- e.g., ??
- Hairiness of cotton for sucking pests
- Bt cotton for lepidopterous, such as *Heliothes spp*, *Spodoptera spp*, *Mythimna spp*
- *Pectinophora gossypiella* (PBW)??????

- Gossypol glands
- Chemicals (alkaloids, flavonoids, terpenoids etc) e.g., bitter gourd, neem, more example from student observations

Assignment-1

- **What are the Bt crops available in world?**
- **What are the insect pest against which Bt crops are used?**