

FACT SHEET

IMPACT OF PESTS ON AGRICULTURE

Food crops have to compete with 30,000 species of weeds, 3,000 species of nematodes and 10,000 species of plant-eating insects.

Farmers rely on crop protection products to prevent these pests from damaging their crops and limiting their harvest.

However, as the impacts of Climate change intensify, these pest pressures will become more extreme - making effective use of crop protection products more important than ever before.



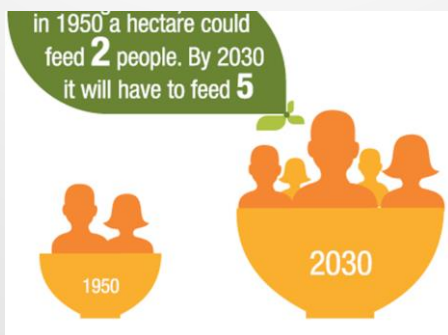
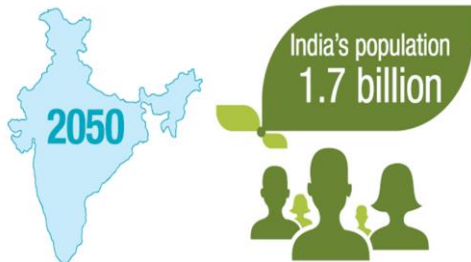
The Rs 25,000 crore Crop protection industry is a vital arm of Indian agriculture.



50% of the revenues come from export earnings, while the rest comes from the domestic market.



Crop protection products involves active ingredients in a definite concentration along with adjuvants which enhance their performance, safety and usability.



Classification of Pesticides

- fungicides,
- herbicides,
- insecticides

Depending on the specific crop, pest attack & dosage the pesticides usage is categorized into

- rice
- fruits
- corn
- nuts
- soyabean
- cotton
- vegetables

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CROP PROTECTION AGAINST PESTS AND DISEASES



Crop protection a key contributor to improve farm productivity.

Sustainable farmer engagement increases responsible usage of crop protection products

Estimated annual crop losses could double without the use of crop protection products.

