

Transmission of Viruses

Diseased-Healthy-various agencies which are summarised here under-

1. By vegetative propagation:-
Budding, Grafting, Cutting, Rhizome, Tubers, Runners, Suckers.
2. By physical contact:-
plants part come in contact.
3. Transmission by soil:-
soil floating with water.
4. Transmission by nematodes:-
Xiphinema nematode.
5. Angiospermic parasites:-
Ex. Cuscuta.
6. Seed Transmission:-
7. Through pollen grains:-
8. By Agricultural Tools:-
9. By insects:-
Aphida, Mites, Beetles, Grass Hoppers, Etc.

Economic Importance of viruses

1. Pathogenic nature:-
2. Role in agriculture:-
Fertility of soil, Nitrogen fixing bacteria.
3. Role in Industries:-
Antibiotic industry.
Vitamin Industry.
4. Sewage disposal:-
process of sewage disposal suffers.
5. Biological importance:-
Ex; catterpillars, damage the crop
medicagosatira, River Ganga is pure-
Bacteriophages.

6. Vaccines:-

Diseases are prevented.

7. Viruses and cancer:-

Oncogenic viruses, Breast cancer, Blood cancer.

8. Viruses and AIDS:-

Acquired immune deficiency, Syndrome (AIDS) Caused by HIV (Human Immune Deficiency.)

THANK YOU