Antibiotics in CROPS

Syllabus subtopic: Major crops cropping patterns in various parts of the country, different types of irrigation and irrigation systems storage, transport and marketing of agricultural produce and issues and related constraints; e-technology in the aid of farmers

- Aureofungin, Kasugamycin, Validamycin and Streptomycin+ Tetracycline combination are antibiotics which are registered under the Insecticide Act 1968 for use as pesticides to combat certain fungal and bacterial diseases in plants.
- The use of above pesticides is regulated under the Insecticide Act 1968 and the rules framed there under.
- While registering the pesticide, the label and leaflets are also approved which contains the details of crop, disease/pest against which it is recommended, dose rate, directions about use, chemical composition, toxicity triangle, precautions to use and packaging specifications.

What are Pesticides?

Pesticides are toxic substances but they do not pose any adverse effect on human beings, animals and the environment if they are used as per the label and leaflet approved by the Registration Committee.

Pesticides are registered for use in the country by the Registration Committee only after satisfying about their efficacy and safety to human health, animal and environment.

Note: to know about the misuse of antibiotics in crops click on the below