

Plant Pathology Division

BARI Head Office, Gazipur

Activities

Plant Pathology Division, BARI, started its activities since 1976 when Bangladesh Agricultural Research Institute was established as an autonomous institution. The Division has been conducting its research activities with a variety of research mandate minimize the crop loss due to diseases. Considering the facts the important activities are:

1. Prioritization of destructive plant diseases and planning for future research.
2. Estimation of yield losses incurred by disease through general observation, survey and experimentation at national level.
3. Documentation new plant diseases.
4. Study of the epidemiological aspect of plant diseases which help to develop disease forecasting model.
5. Basic research on morphological, physiological and molecular characterization of plant pathogenic fungi, bacteria, nematode and viruses.
6. Development of disease management strategies and sustainable technologies with emphasis on IDM against important diseases of major crops.
7. Development of disease resistant crop varieties/ lines of BARI mandated crops.
8. Pre-registration trial of different agrochemicals supplied by DAE and other agencies.
9. On-farm demonstration of mature technologies.
10. Technology transfer through training, field demonstration, mass media, booklet, leaflet, journal, book, poster, workshop, seminar to the stockholder.
11. Clinical services to the farmers, NGO's Private farm and Govt. institutions to solve their disease problem.
12. Participation in variety evaluation.
13. Supervising MS and Phd student along with the universities.

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