



Seed Enterprise Management Institute (SEMI)

Field Pests and Disease Diagnostics

Course: 4th -10th February, 2018

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Introduction to the course:

- To grow a crop successfully from planting to harvesting even up to consumption, it has become necessary for the grower to be aware of all potential dangers that may beset the plants.
 - A successful grower today must know what pest, disease and weeds to expect on his crop, when and under what conditions their attack will take place
 - For management purposes, the grower will need to know the weak point in the cycle of the pests and diseases and the most effective methods to use in their control.
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Introduction contd:

- The field pests and disease diagnostics training module is intended to create awareness on the pests and diseases encountered in growing crops,
- The module will emphasize, recognition of these plant dangers and the practical aspects such as how to identify and remedy pest, disease and nutritional problems in seed production fields



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Objectives:

- The broad objective is to equip participants with skills to identify and manage pests, diseases, weeds, nutrient, physiological, genetic and environmental disorders in seed production systems.
 - The specific objectives are:
 - To enhance the understanding of the seed value chain
 - To impart knowledge on the importance/significance/negative effects of insect pests, diseases, weeds, and other disorders in seed production
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Objectives Cont:

- To impart knowledge/skills to identify important insect pests, diseases, weeds, and other disorders in seed crops
 - To impart knowledge on the economic threshold levels and regulatory requirements for key insect pests, diseases, weeds, and other disorders in seed crops
 - To enhance participants knowledge on important insect pests, diseases, weeds, and other disorders in seed crops
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Course Outline:

Broad areas to be covered:

Importance and Identification of insect pests, diseases, weeds, and other disorders in seed production
Pest threshold levels and regulatory requirements

Management of pests, pathogens and weeds

Outcomes

- . At the end of the course, the trained personnel will have:
 - Better understanding of the components and functions of seed value chains
 - Better understanding of the importance of the negative effects of insect pests, diseases, weeds, and other disorders in seed production

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Outcomes Cont.

- Ability to identify important insect pests, diseases, weeds, and other disorders in seed crops .
 - Appreciate/understand the economic threshold levels and regulatory requirements for key insect pests, diseases, weeds, and other disorders in seed crops
 - skills to manage important insect pests, diseases, weeds, and other disorders in seed crops.
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**We look forward to an
exciting week ahead.
Thanks, Asanteni Sana!!**