



# Seed Enterprise Management Institute (SEMI) Course

**SEED DRYING, PROCESSING AND  
STORAGE**

18<sup>th</sup> Feb.-24<sup>th</sup> Feb.2018

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# Introduction

- **The processes of seed drying, processing and storage come at the end of a long chain of events in the effort to provide the grower with good quality seed , hence its importance.**
- **Maintenance of seed quality during this last stages of seed production is essential to ensure that the seed remains viable for production of vigorous plants .**
- **It is therefore very important that they are taken seriously to avoid ruining the hard work and resources invested.**



# Introduction contd:



- This module is intended to provide the basic concepts of seed harvesting, drying, processing and storage for individuals dealing with these last processes in seed production.
- The module will impart knowledge and skills on the post-harvest technical operations typically utilized to prepare a seed lot for marketing and use.
- Methods for selecting and evaluating of seed processing equipment and process output will be reviewed in the context of a typical seed operation for selected crops .

# Introduction contd:

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- Risks of seed deterioration, mechanical damage and improved seed quality will be emphasized.
- In addition, quality control, record keeping, inventory management, and plant layout considerations for various seed applications will be introduced, including special concerns for small lot processing.
- We believe the training will be able to improve management of seed processing plants and enhance the production of good quality seed .

# Objectives:

- The overall objective is to equip you with practical knowledge of the basic concepts involved in drying, processing and storage operations typically utilized to prepare a seed lot for marketing and use.

The specific objectives are :

- To create awareness on the components and functions of seed value chains
- To enhance knowledge on post-harvest factors affecting seed quality, including seed deterioration and mechanical seed damage

# Objectives cont:

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- To impart knowledge on principles and practices related to seed processing, handling equipment and safety issues.
  - To enhance knowledge on management of discards and trash from the seed processing operation and air/dust control .
  - To improve knowledge on quality control, record keeping, inventory management and plant layout considerations including special concerns for small lot processing
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# Course Outline:



- Seed Processing Operations
- Seed Drying, Storage Management and Safety Considerations
- Finished Product and Plant Management

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# outcomes

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At the end of this course the participants knowledge will have been enhanced in :

- The factors that influence the effectiveness of drying, storage and processing operations.
  - The concepts, operation and safety of processing equipment and handling system for seeds
  - The importance of quality and environmental issues relevant to seed processing.
  - The relationship between processing operations and other seed production and delivery systems.
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A large, leafless tree stands in the center of a lush green field. In the background, a person in a red shirt is visible near a line of irrigation equipment. The sky is blue with light clouds. The text is overlaid on the lower half of the image.

**We look forward to an exciting week  
ahead.**

**Thank you, Asanteni Sana!!**