

Syllabus for Short- Term Training Course (STTC) on "Scientific Methods of Storage Inspection & Quality Management of Foodgrains" at IGMRI Field Stations at Ludhiana & Hyderabad.

(01 week duration)

A. STORAGE

1. Factors affecting losses in stored foodgrains
2. Role of Moisture, temperature and RH during storage of foodgrains
3. Procedure for inspection of foodgrains, terminology. Refractive index and uniform specification for procurement of foodgrains for the crop year 2015-16
4. Inspection for identifying rodent infestation – Nature of damage and control measures in food storage godowns.
5. Sources of insect infestation and methods to detect hidden infestation and Prophylactic methods of insect control.
6. Curative methods of insect control
7. Storage structures – Traditional and Modern / Practicals.
8. Quality of foodgrains, its maintenance during storage of foodgrains i.e. Classification, categorization and grade designation etc of foodgrains
9. Warehouse Mgt., Space utilization and method of sampling.
10. Silent features of Food Safety Act
11. Identification of insect pest of stored grain
12. Visit to FCI Depot, Storage of foodgrains in CAP storage and covered godowns studying of foodgrains stack plan (Dis-infestation of foodgrains during storage)
13. Major and minor insect pest of foodgrains
14. Measurement of MC by hot air oven
15. Foodgrain analysis and practical on dehusking procedure
16. Group Discussion and distribution of certificates.