

Annexure – II

Training program on “Scientific storage of food grains to ensure food security”	
Course Synopsis	The training will be conducted through class room lecture method assisted by power point presentations, videos, identification of live and specimen stored grain pests at laboratory, live demonstration on prophylactic and curative pest management measures, phosphine fumigation with gas monitoring tubes in place, practical operation of safety equipment during fumigation and field visit to scientific store houses.
Course Duration	14 days
Justification/ Rationale	Food grains are damaged due to various biotic and abiotic factors during storage. Among different factors, stored grain pests cause both qualitative and quantitative loss and at times may render the food grains unfit for further storage and human consumption. Improper spraying, fumigation and other technical quality control aspects at storage godowns always results in increased pest population and development of resistance in insects and further damages to food grains. Non-availability of sufficient food grains will lead to food insecurity in developing countries. Hence, there is a need for scientific storage of food grains to ensure food security and to work towards zero hunger policy of UNO.
Aims & Objective of the course	<ul style="list-style-type: none">i) To sensitize the need for scientific storageii) To manage biotic and abiotic factors in large food grain storage warehousesiii) To study integrated stored pest management including rodentsiv) To ensure issuance of safe grains to people and to ensure food security
Expected Outcome of the course	The course will sensitize the stakeholders to store the valuable food grains scientifically and to avoid damages of food grains from biotic and abiotic factors and to ensure food

	security.
Eligibility conditions of the participant	Agricultural officers and stakeholders working in food grain storage sector
Country	All ITEC partnering countries