

Dairy & Vermi Compost Making

Course code NARQ30006 - AGRI: Session Plan

Day	Session	Subject
01	I	Registration & Inauguration, About the Institute, rules & regulations of training/institute
	II	Micro lab – ice breaking exercise
	III	Achievement Motivation – confidence
	IV	Entrepreneurship Development – What, Why & How? (introduction)
02	I & II	Entrepreneurial competencies – importance, explanation with examples, case study for identification of different competencies
	III	Dairy farming as a sustainable self employment venture – prospects/ Opportunity & Competition
	IV	Tower building – eradicating dependency syndrome
03	I & II	Dairy farming - breeds of cows and buffaloes, Desi cow /breeds, up gradation of cattle by cross breeding, selection of animals.
	III	Nutrition & feeding of dairy animals, preparation of feeds & use of azola, home made concentrate for dairy farming. Cost effective feeding.
	IV	Fodder crops – description, cultivation aspects. Classification of fodder crops based on composition.
04	I	Cattle shed- construction, importance of hygiene & cleanliness management practices, using of rubber mats.
	II	Artificial insemination- procedural details, management of animals in pregnancy
	III	Calf rearing & Calf management practices for production of a healthy cow/ buffaloes
	IV	Time Management
05	I & II	Dairy animals- important diseases & their control , Vaccination, Cause, management & treatment of disease Mastitis, Sterility
	III	Production of a clean milk- practices, milk products
	IV	Milk Marketing – Co-operative set up, Milk Producers Societies
	Post Evening	Video films on Dairy Management

06	I	Organic Farming- Significance & Scope
	II	Vermi composting as a self employment activity
	III & IV	Use of cow dung & urine for preparation of Farm Yard Manure (FYM), composting- Description
07	I	Vermi composting methodologies- Details & description
	II	Vermi composting- Selection of site & organic materials
	III & IV	Vermi Composting- Practical demonstration, preparation of pits, filling of pits, dressing materials, manure & earthworm, Vermicompost wash
08	I & II	Field visit for interface with successful dairy farmers/ entrepreneurs of vermin compost
	III	Problem solving–explanation through case studies and exercises, creativity – creative thinking
	IV	Vermicompost – Usage & dosage for major crops, analysis of nutrients, Packaging & marketing of vermicompost
09	I & II	Banking deposits & advances, lending schemes to agricultural sector, Government schemes
	III & IV	Profitable Dairy Farming- Economics of a Dairying unit , preparation of project report
10	I	Effective Communication skills
	II	Insurance cover for Dairying
	III	Evaluation Test
	IV	Feedback & Valedictory