

Practical Exercise 5

Visit to procurement center and other milk shade areas

Objective: *Attachment with milk collection/chilling centre to understand intricacies involved in milk procurement, interaction with milk producers, issues & constraints in milk procurement and transportation of raw milk.*

Procedure

Visit to the nearest milk procurement center/dairy farm and make following observation;

At dairy farm

Structure and design of dairy farm

Milking animals (number of cows or buffalos)

Milk production (conventional method or machine milking)

Handling practices followed

Storage of milk and conditions at which milk is stored

Milk procurement area

Structure and design of dairy farm

Milk reception operations

Milk handling systems

Sampling of milk

Packing of milk

Equipments (can conveyor, can washer, weighting balance, dump tank, Milk storage tanks, packing machines, pasteurizer, clarifier, cream separator etc.)

Processing areas

Quality control laboratory-for testing the quality of milk

Milk testing laboratory and type of analysis carried out



Weighting balance



Dump tank



Milk storage tank



*Testing the quality
of milk*



can conveyor



can washer



sampling bottles

STUDY QUESTIONS

1. What is the use of storage tank?
2. Which observation you will make at dairy farm?
3. What is quality control laboratory?
4. What is the role can conveyor in milk plant?
5. What do you mean packing of milk?