
EXPERIMENT 7 VISIT TO FEED PLANT AND GODOWNS

Structure

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7.1 INTRODUCTION

The feed plants are engaged in manufacture of different feeds for broilers and layers. The feed godowns are integral requirement of feed plants for proper storage of individual raw ingredient and compounded feeds. The types of the feed to be prepared in the feed plant is to be decided by the entrepreneur depending upon the market demand, availability of raw material, technical know-how, competence of the workers, profitability etc.

Objectives

After performing this experiment, you will be able to:

- discuss about the various activities of a feed plant; and
- explain the storage practice of feed in godown.

7.2 EXPERIMENT

7.2.1 Principle

Seeing is believing - Firsthand observation of manufacturing processes for various types and the facilities required in a feed plant will result in better understanding of the feed plant and godown operation.

7.2.2 Requirements

- Theoretical background understanding on feed plant and godown
- Permission from a near by feed plant and godown to visit
- Facilitator

7.2.3 Procedure

- 1) Visit a nearby feed plant with prior permission.
- 2) Have a thorough knowledge on its operation with help of facilitator.

- 3) Also visit godowns, if any, at the feed plant campus.
- 4) Observe and record the information as at Sl. No.7.2.4.

7.2.4 Observations

Observe and record the following:

- i) Name of the feed plant and godown
- ii) Location
- iii) Total area
- iv) Type of organization: Government/Cooperative/Private sector/Any other
- v) Date of establishment
- vi) Equipments available in the plant (Name, Type, Make, Capacity)
- vii) Various sections in the plant
- viii) Number of persons working in the plant
 - a. Administrative
 - b. Technical
 - c. Supporting
- ix) Products handling method – Manual/Semi-automatic/Automatic
- x) Quantity of various raw materials procured (Type and quantity)
- xi) Sources of raw material
- xii) Tests carried out to assess the quality of raw material
- xiii) Methods of storage of raw material
- xiv) Methods of processing - Batch system/Volumetric system
- xv) Capacity of plant
- xvi) Packaging machines - Make and Capacity
- xvii) Other equipments
- xviii) Types of feed manufactured in the plant
- xix) Cleaning procedure – Manual/mechanical
- xx) Quality control of feed prepared - Facilities available, Tests
- xxi) Utilities – Power supply, generator, water source etc.

7.2.5 Results

Discuss with the facilitator on your observations and write them in practical book.

7.3 PRECAUTIONS

- Do not handle the equipment on your own.
- Do not hesitate in asking frequent questions to the farm owner or staff or facilitator.
- Utilize your maximum time in learning various process of feed manufacturing.