

JOB ROLE – ANIMAL HEALTH WORKER

Sector – Agriculture

(Qualification Pack Code: Ref.Id.AGR/Q4804)

PPT's for Class X



PSS Central Institute of Vocational Education
Shyamla Hills, Bhopal – 462 013 , Madhya Pradesh, India

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UNIT 1: ASSISTING IN VETERINARY EXTENSION SERVICES

Session 2: Assisting Farmers in Quality Farm Input Selection and Procurement

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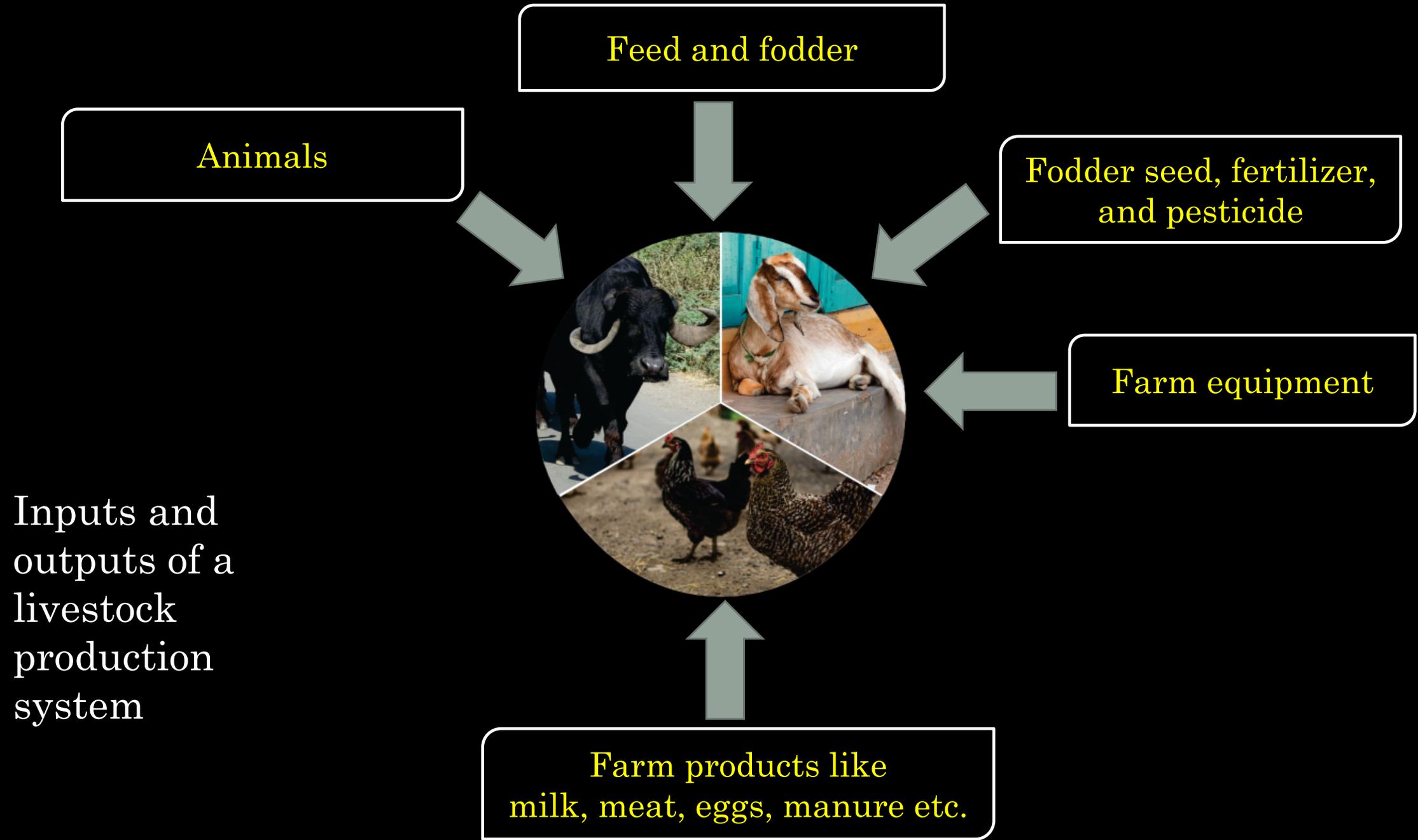
Session Objectives

The student will be able to

- Describe the selection and procurement of feed and fodder
- Procurement of fodder seeds, fertilizers and pesticides
- Procurement of farm equipment and farm animals

Introduction

- The resources used in livestock farming such as animals, equipment (tools and implements), chemicals, feeds, fodder and fodder seeds are collectively called farm inputs.
- In a farm, a large quantity of these inputs is used.

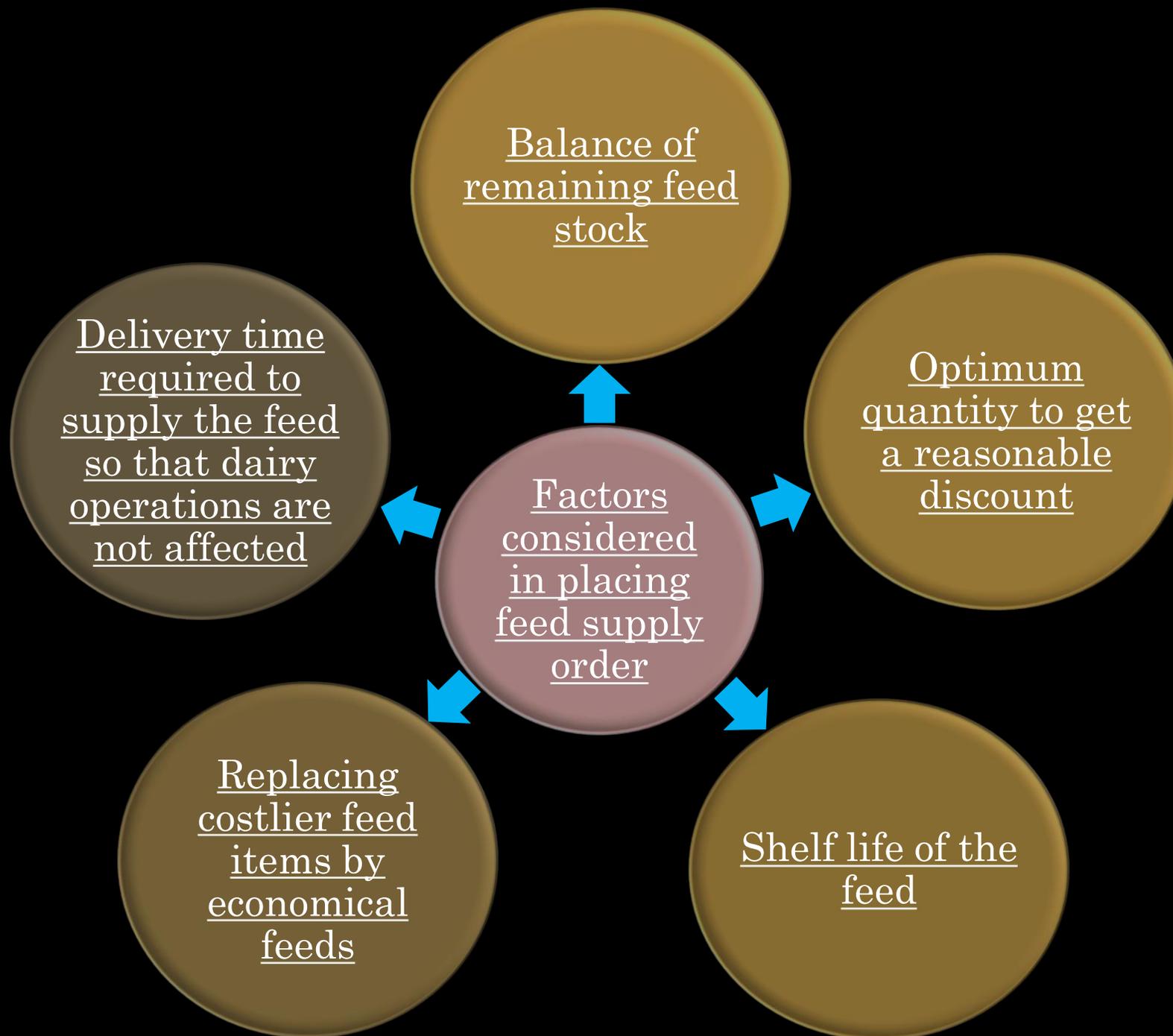


Inputs and outputs of a livestock production system

Selection and procurement of feed and fodder

- (a) nutritive value of the feedstuff
- (b) protein quality of the feedstuff
- (c) feed requirement of different categories of animals
- (d) feed supplements
- (e) major ingredients in feed

Broadly, three categories of feed and fodder are required for a dairy farm—green fodder, dry fodder (hay, straw) and concentrate.



Broad categories of feed and fodder



Concentrate mixture in a gunny bag



Green fodder (jowar)



A heap of wheat straw



Green fodder (berseem)



Procurement of fodder seeds, fertilisers, and pesticides

- Fodders, seeds, fertilizers and pesticides have an expiry date.
- Once the expiry date is passed the product (for e.g. pesticides or fertilisers) may not contain the correct concentration of active ingredients.
- Lack of proper concentration of active ingredients will lead to a loss in pesticide efficacy.

Seeds of common fodder crops



Barseem seed



Oat seed



Sorghum seed



Maize seed

Common fertilisers (a & b) and organic manures (c & d) used in fodder production



a. Urea



b. DAP (diammonium phosphate)



c. Farmyard manure



d. Vermicompost

Procurement of farm equipment

- Every farm requires machinery and equipment for day-to-day operations.
- The requirements depend upon the level of mechanization and the scale of operations.
- Some common machinery and equipment like chaff cutter, milking pails, milk cans and minor implements are essentially required for every livestock farm.

Procurement of animals

- Purchase of new animals is a common practice for livestock farms.
- Animals can carry diseases without showing any visible signs, thus it is important to examine new animals carefully
- These examined animals are introduced to the existing herd to avoid an outbreak of a new infection to the existing farm animals

Summary

In this session you have learnt about

- selection and procurement of feed and fodder
- Procurement of fodder seeds, fertilisers and pesticides
- Procurement of farm equipment and animals

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