

JOB ROLE – ANIMAL HEALTH WORKER

Sector – Agriculture

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

Class X



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UNIT 3: Animal Welfare, Breed Conservation and Disaster Management

Session 2: Farming Indigenous Breeds of Livestock

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Session Objectives

The student will get the knowledge about the exotic and indigenous species of livestock and their farming

Introduction

Currently, there is a huge demand for animal products. To meet the needs of the growing human Population farming of livestock both indigenous as well as exotic are practiced in India

Farming Indigenous Breeds of Livestock

- Livestock have evolved over hundreds of years through selection
- These animals have adapted to the peculiar climatic conditions and natural habitat of that region and are, therefore, termed as indigenous (native) animals.
- There is a huge demand for animal products. To meet the needs of the growing human population,

Cont...

- Exotic breeds of cattle such as Jersey and Holstein Freisian have been extensively used in cross-breeding programmes to increase milk productivity
- In cross breeding of cattle, we produce an animal by mating two different breeds of cattle. As an example, if we use indigenous cattle breed cows and exotic bull such as Jersey, we carry out a cross breeding of cattle.

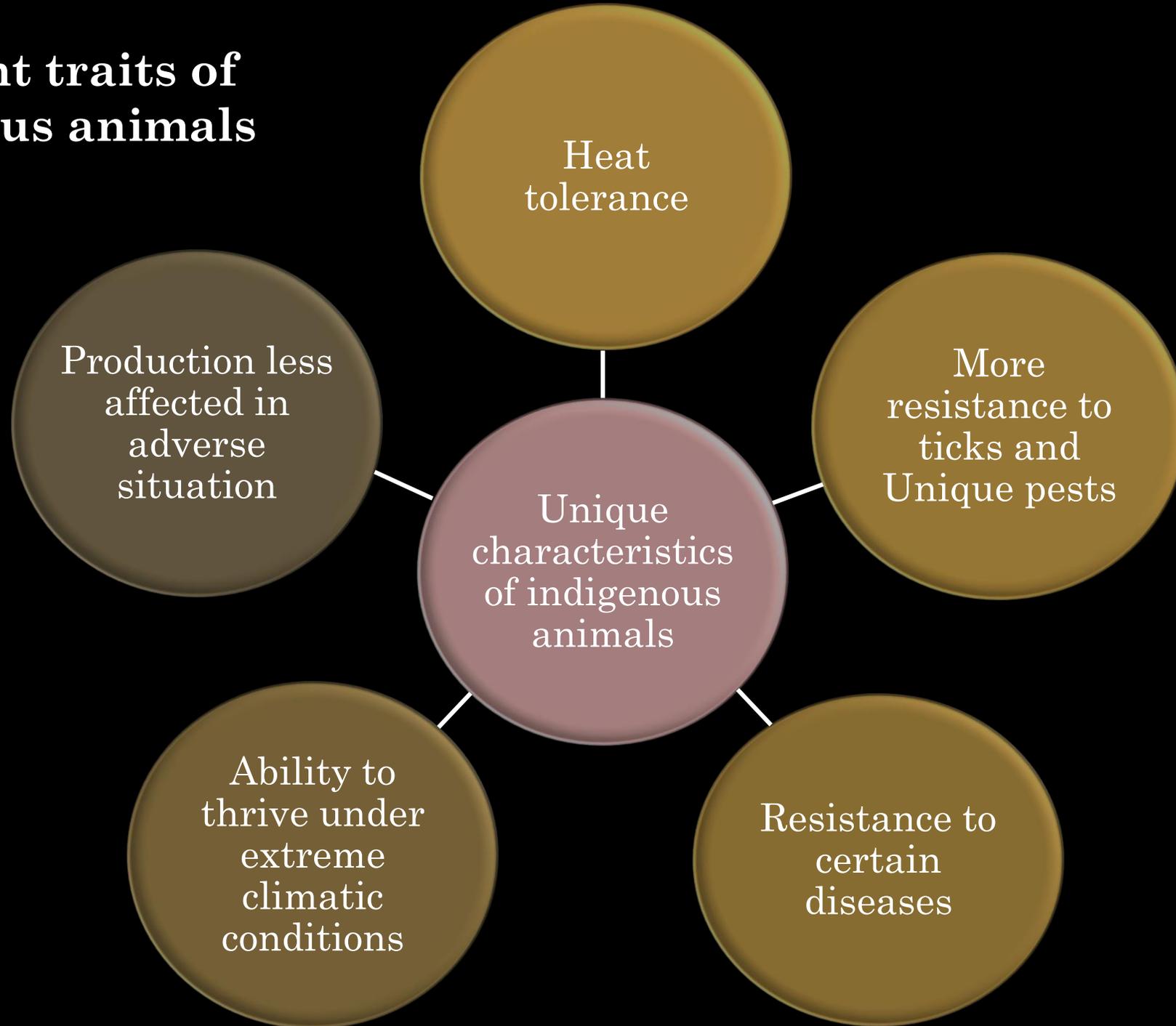
- Climate change and temperature rise are of great concern in the animal husbandry sector.
- The cross-bred animals may become vulnerable to environmental changes, adverse nutritional conditions, diseases and parasites.
- The indigenous livestock species have unique characteristics that enable them to survive and perform in unfavourable conditions as compared to the exotic breeds.

The Government of India, state governments, and other organisations are taking initiatives to strengthen and promote the rearing of indigenous breeds.

Some of the important central government projects in this area are listed below:

- Central Herd Registration Scheme (CHRS)
- Rashtriya Gokul Mission (RGM)
- National Project for Cattle and Buffalo Breeding (NPCBB)
- National Kamdhenu Breeding Centre (NKBC)
- National Programme for Bovine Breeding and Dairy Development (NPBBDD)

Important traits of Indigenous animals





Sahiwal cow (Punjab)



Gir cow (Gujarat)



Sirohi goat (Rajasthan)



Murrah buffalo (Haryana)



Kadaknath poultry bird (Madhya Pradesh)



Ghungroo pig (West Bengal)

Summary

In this session you have learnt about the

The exotic and indigenous species of livestock and their farming practices in India

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