

Dairy Farming

VI Semester B.Sc. Zoology –
Elective Course XV

Dr. Swapana Johny
Asst. Professor & Head
Dept. of Zoology

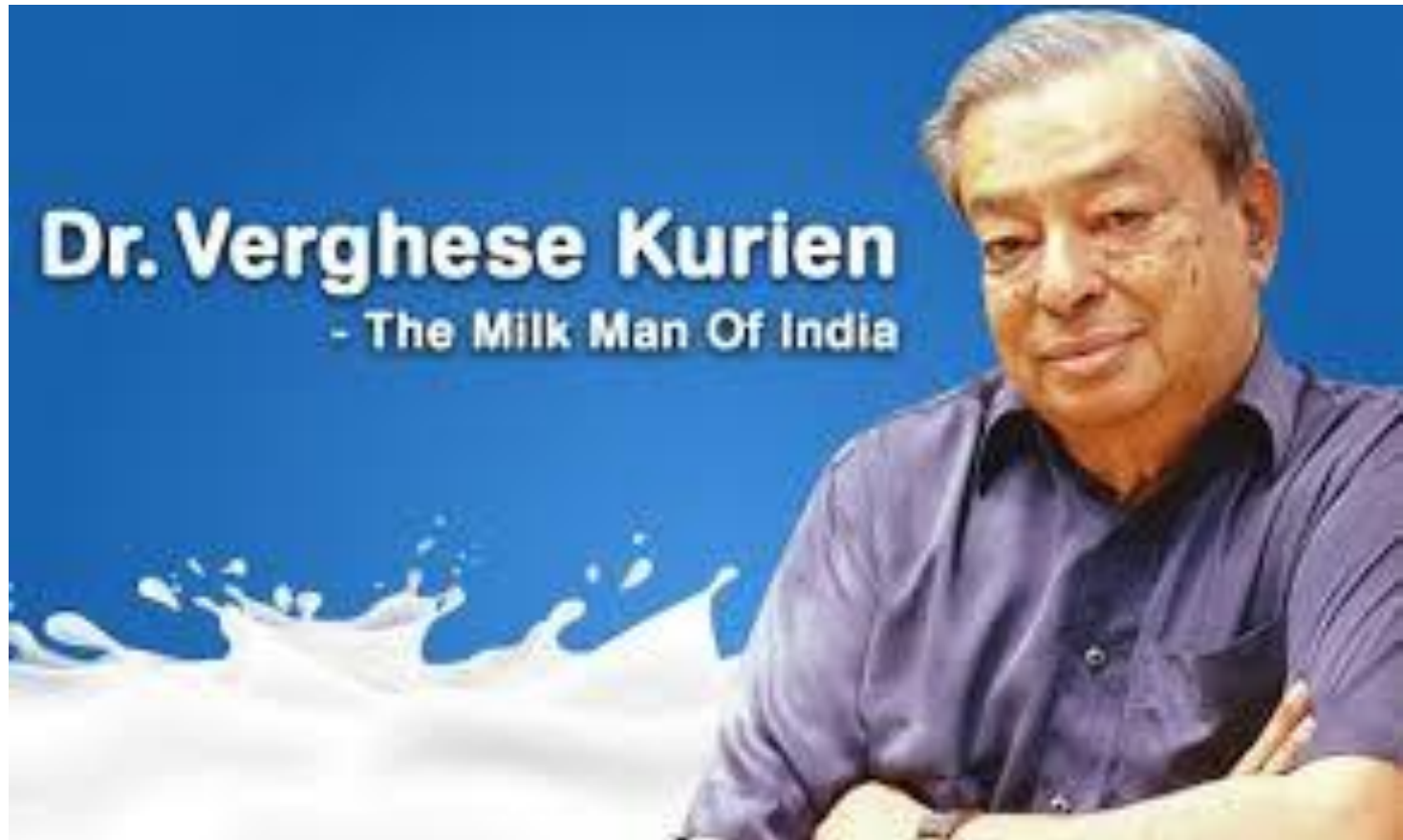
DAIRY FARMING



Introduction

- Dairy farming – raising of female cattle for milk production
- Agriculture
- White revolution
- **Dr. Verghese Kurian** – Father of White Revolution in India
- **Operation Flood** – World's Largest Agricultural Dairy Development

Father of White Revolution in India



Introduction

- Cattles domesticated ungulates - member of Family Bovidae
- Raised as livestock for meat, milk, leather, wool and for draft
- Young cattle- calves
- Young males – bullocks or bull calves
- Young females – heifers or cows calves
- Castrated males – Steer
- Cattle raised for human consumption – beef cattle
- Cow giving milk – dairy cows

Introduction

- Ox – cattle trained for draft
- Oxen plural
- Oxen used for ploughing, transportation, grain grinding and wagon drawing

Scope of dairy farming

- Supplies milk and milk products
- Produces meat
- Wool
- Employment opportunity
- Organic manure for crops
- Transportation and work

Cattle farm



Why Dairy Farming in India?

- There are many benefits of starting dairy farming business in India.
- Dairy farming business is a traditional business. So, you don't have to worry about marketing your products. Dairy product market is active round the year.
- Dairy farming is eco-friendly and it doesn't pollute the environment.

Why Dairy Farming in India?

- Dairy farming business doesn't required highly skilled labor. Easily setup small scale dairy farm with your family labor.
- Great business opportunities for unemployed educated young people. Proper plan and management can ensure maximum production.
- Numerous highly productive native Indian and foreign breeds are suitable for farming according to the climate and environment of India.
- You can apply for loan in your local NGO or banks.

Dairy Farming





OPERATION FLOOD

- Rural development programme by India's National Dairy Development Board (NDDB) in 1970
- Objective – create a nation wide Milk Grid – making India largest producer of milk and milk products
- Also called White Revolution of India
- Following green revolution – helped in alleviating poverty and famine levels from their dangerous levels.

OPERATION FLOOD

- Bed rock of operation flood was village milk producers co-operatives
- Procure milk and provides inputs and services, making modern management and technology available to members
- Gujarat based Anand Milk Union Limited – AMUL
- Thribhuvandas Patel founder chairman of AMUL and Dr. Varghese Kurien chairman of NDDB

OPERATION FLOOD

- Dairying was an instrument of development, generating employment and regular incomes for millions of rural people



THANK YOU

