

Chapter 8

CHALLENGES IN IMPROVING

AGRICULTURAL PRODUCTION

Animal husbandry:

- Scientific management of livestock which involves various aspects like feeding, breeding and disease control.
- Animal based farming include cattle, goat, sheep, poultry and fish farming etc .
- As population increases & livestock production should also be increased to meet up the need.

Cattle farming:

- Cattle are reared by almost all farmers mainly for milk and draught Labour of agricultural works.
- Indian cattle mainly belongs to two species Bos indicus (cow, Bos bubalis (Buffaloes).
- Exotic (or) foreign breeds (Jersey, Brown Swiss) are reared because of their long lactation period.
- Indian breeds like red Sindhi Sahiwal shows excellent resistance to diseases and drought labour.

Food requirements:

Proper food is to be provided to cattle to keep animals healthy and to provide more milk during lactation.

Animal feed include,

- a) Roughage - contains large amount of fibre.
- b) Concentrates - low in fibre, but high in proteins.
- c) Feed additives - contains nutrients that can promote health and milk production.

Protection:

Many parasites (internal and external) affect the cattle and cause diseases. So, vaccination is to be done to the farm animals against major viral and bacterial diseases.

