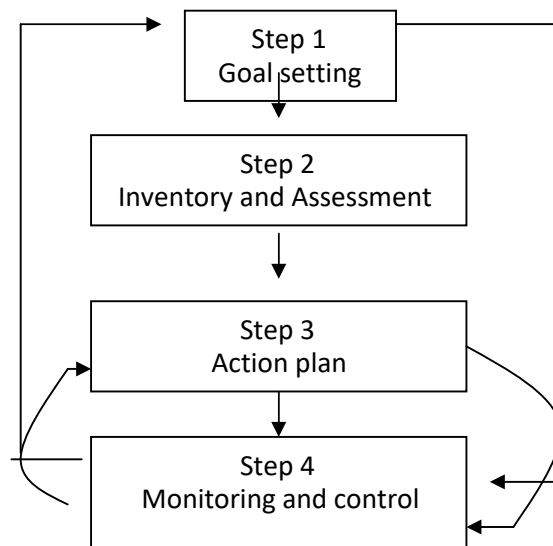


FARM LAYOUT

A Farm layout refers to the compiling of physical structures such as homestead, outbuildings, waterways, contours, water supply roads and the layout of orchards, vineyards etc.

As the whole farm plan is implemented, you need to evaluate the different options and plans to determine if it works. It might be necessary to make minor adjustments to the plan as time goes on. Keep accurate records and evaluate to see if the farming business is still on the right tract and achieving the goals set out.



PRINCIPLE

- The first step in farm planning is choosing the system of farming.
- Farming practices associated with the system the farmer chooses will largely determine the farm and farmstead layout.
- Each production system must be planned and combined with the other systems
- Both the physical infrastructure and the economical and management inputs must be planned
- Accurate information need to be obtained to ensure proper planning

The following can **influence farm layout**

- The financial position of the owner.
- The different farming enterprises.
- The production systems used to produce a product.
- The topography of the farm.
- The intensity of the system.
- The climatic conditions of the farm.
- Rules and regulations applicable to agricultural sector.

FEATURES

1. **Efficient space utilization:** An ideal layout should utilize the available space in an effective way.
2. **Flexibility:** The layout should be designed in such a way that the layout is flexible enough to adopt to change.
3. **Accessibility:** There must be sufficient space between equipments so that raw materials, machines and men are able to move freely from one place to another.
4. **Economy in handling:** The layout should facilitate economies in handling materials, work in progress and finished stock.
5. **Ensuring Co-ordination:** A good layout would be able to co-ordinate all operations.
6. **Data needed for successful farm and production layout:**

To produce quality products, it is necessary to ensure that a production system is planned, the farm-layout is suitable and that everything possible is done to ensure a quality product.