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Sub. Biology

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IMPRISONMENT IN FOOD RESOURCES

1. What do we get from cereals, pulses, fruits and vegetables?

Cereals are the source of carbohydrate and is main reason of energy.

Pulses provide protein for growth and development

Vegetables and fruits are loaded with minerals, vitamins, carbohydrates, proteins and fats for overall development.

2. How do biotic and abiotic factors affect crop production?

2 major factors that affect the crop are:

- Biotic factors like insects, rodents, pests, and many more spread the disease and reduce crop production.
- Abiotic factors like humidity, temperature, moisture, wind, rain, flood and many more destroy the crop raised.

3. What are the desirable agronomic characteristics for crop improvement?

The essential agronomic features required for crop improvement are:

- Profuse branching along with tallness in any fodder crop
- Dwarfness in any cereals.

4. What are macro-nutrients and why are they called macronutrients?

Macro-nutrients are the fundamental elements that are used by plants in more quantity.

Macro-nutrients needed by the plants are:

- a. Macro-nutrients as the constituent of protoplasm
- b. Phosphorus, Nitrogen, Sulphur are present in proteins
- c. Calcium is existing in cell wall
- d. Magnesium is significant component of chlorophyll

5. How do plants get nutrients?

There are 16 basic essential nutrients required by the plants to grow. Carbon and Oxygen are supplied by water and the remaining nutrients are supplied through soil.