

Class-6 (Agriculture Studies)

Chapter-3

Agricultural Inputs

Lecture-4 Date-18.05.2020

- ❖ Complete the whole exercise from text book and the sample creative questions which are given below with the help of text book and prepared notes (lecture sheets) by subject teacher.
- ❖ Students will be prepared for CHT of chapter-3 on 20.05.2020
- ❖ **Creative questions**

1.

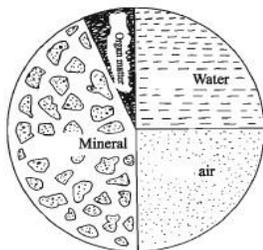


Figure: A

- a) What do you mean by soil?
- b) Mention the physical properties of soil.
- c) How mineral materials and organic materials of soil are created?
- d) Explain how mineral materials of soil influence the crop production?

2.

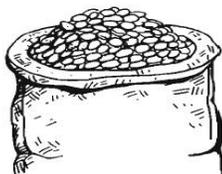


Figure : Urea

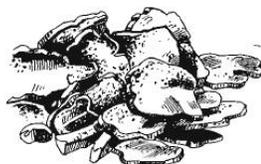


Figure:Organic Fertilizer

- a) What is fertilizer?
- b) Write the names of nutrients of TSP and MOP fertilizer.
- c) Write down the factors are to be considered to apply fertilizer.
- d) Make a comparison between the two types of fertilizers mentioned above stem.

1

3.

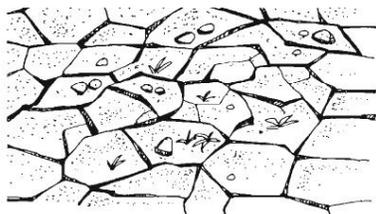


Figure : Drought affected fieldcrop



Figure : Crop in normal field

- a) What is irrigation?
- b) Write down the sources of irrigation water.
- c) Why is irrigation needed for drought affected field crop? Explain.
- d) 'For plants normal growth and development irrigation is necessary.' Evaluate this statement.

Fill in the blanks:

1. Soil consists of _____ main components.
2. The sand, silt and _____ are mineral material of soil.
3. About _____ of mineral materials are present in the soil by volume.
4. _____ are called the life of soil.
5. The ideal soil contains about _____ water by volume.
6. Mineral particles whose diameter is _____ or less than that are called soil particles.
7. The comparative quantity or percentage of ratio of sand, silt and clay particles in the soil is called _____.
8. The soil that contains _____ sand particles is called sandy soil.
9. The typical loamy soil should contain _____ sand particles.
10. Loamy soil is divided into _____ categories.
11. Soil of majority areas of Bangladesh is of _____ type.
12. Clayey soil is very _____ to be ploughed.
13. Artificial supply of water in the field for crop plant growth is called _____.
14. If the water is green or brown green in colour there is enough _____ for fish in water.
15. For Rui (carp) culture the best temperature is _____.
16. _____ depth of water of a pond is best for fish culture.
17. The water p^H _____ is helpful to grow natural food in a pond.
18. Oxygen deficiency can be recovered by creating _____ on the water surface.
19. A milking cow daily drinks _____ of water.
20. A hen daily drinks _____ of water.
21. Seed means fertilized and mature _____ which can grow into a new plant.
22. The seed is the medium of plant _____.
23. _____ moisture is better to keep cereal seed grains well.
24. Zipsup provides _____ nutrient to the plants.
25. TSP provides _____ and _____ nutrients to the plants.