

National Institute of Open Schooling
Lesson 9- Nutrition in Plants- Mineral Nutrition
Worksheet-9

1. How will you explain that nitrogen is an essential element and required for healthy growth of plants?
2. Enumerate the criteria for deciding the necessity of mineral elements.
3. Mention importance of the hydroponics (water culture) technique in regard to nutritional requirement of plants. Give examples of crop plants.
4. Why are boron, zinc, copper, iron and chlorine called micronutrients?
5. In which form plants absorbed potassium and mention parts of the plant where this element is required?
6. Monotropa is a saprophyte? How does it derive their nutrition?
7. How do *Cuscuta* and *Nepenthes* differ in obtaining their nourishment? Explain in detail.
8. Differentiate between chlorosis and necrosis? Mention the minerals those are responsible for this condition.
9. Name the regions of the plants where sulphur is required. Also mention, how sulphur element does important for plants?
10. Compare the process of passive and active absorption with suitable example.