

# **CROP PRODUCTION AND MANAGEMENT**

**Class 8 Science**

## **EXTRA QUESTIONS**

**Q.1 What are the advantages of soil preparation?**

**Ans: The advantages of soil preparation are:**

- **It creates air gaps within soil so that crops can get enough oxygen to breathe.**
- **It enhances the growth of microbes and earthworms and they further loosen the soil which add humus to it.**
- **Due to turning of soil nutrients comes out at the top of the soil.**
- **It helps the roots to penetrate deep inside the soil.**

**Q .2 Why should weeding be done before flowering?**

**Ans: Weeding before flowering is done because if the weeds started getting flowers they will also produced seeds. As a result disposal of weeds will become difficult.**

**Q.3 A farmers uses dried neem leaves to store his grains in a metallic container. Explain why?**

**Ans: Stored grains are prone to attack by insects. Dried neem leaves will absorb moisture from the crops and repel those insects from spoiling it.**

**Q.4 Why appropriate distance between seeds should be maintained while sowing?**

**Ans: An appropriate distance between seeds should be maintained while sowing for proper consumption of sunlight, water and nutrients and also to avoid over crowding.**

**Q.5 If any rabi crop is sown in kharif season, what will happen?**

**Ans:** The crop may wilt as it cannot tolerate excess water. The field may get waterlogged, seed germination might not occur and it can even damage the crop.

**Q.6 Explain some methods of replenishment of the soil.**

**Ans:**

- **Crop Rotation:**

By growing different crops alternatively will help in replenishment of the soil.

- **Use of Manures:**

Manures can increase the water holding capacity of soil which hence improve the texture of soil.

- **Gap cultivation:**

We can leave the field uncultivated in between cultivation of two crops.