



**PUBLIC SCHOOL DARBHANGA**  
**SESSION (2020-21)**  
**SCIENCE**  
**CLASS-8**

**CROP PRODUCTION AND MANAGEMENT**

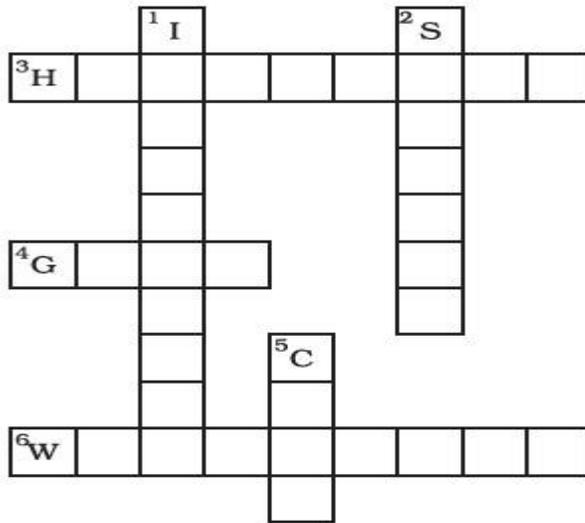
1. What are the examples of Kharif crop and Rabi crop?
2. What is irrigation?
3. How soil gets affected by the continuous plantation of crops in a field?
4. What are weeds?
5. What are the two methods of irrigation which conserve water?
6. Complete the following word puzzle with the help of clues given below.

Down

1. Providing water to the crops.
2. Keeping crop grains for a long time under proper conditions.
5. Certain plants of the same kind grown on a large scale.

Across

3. A machine used for cutting the matured crop.
4. A rabi crop that is also one of the pulses.
6. A process of separating the grain from chaff.



ANSWERS:

1. What are the examples of Kharif crop and Rabi crop?

Kharif crops- Paddy and maize

Rabi crops- Wheat and Pea

2. What is irrigation?

The supply of water to crops at regular intervals is called irrigation

3. How soil gets affected by the continuous plantation of crops in a field?

Plants require nutrients for their growth. Without optimum nutrients, plants will die. Continuous plantation of crops results in depletion of certain nutrients like Nitrogen, Phosphorus, Potassium etc. This results in the decrease of yield due to loss of nutrients hence there should be a gap between crops in order to get a good yield.

4. What are weeds?

In a field many other undesirable plants may grow naturally along with the crop. These undesirable plants are called weeds.

5. What are the two methods of irrigation which conserve water?

- a. Drip Irrigation: Here the water goes drop by drop directly into the roots, This method is very useful as it conserves water and also helps in avoiding weeds.
- b. Sprinkler system: This method is in use in mainly uneven land where sufficient water is not available. The perpendicular pipes, having rotating nozzles on top, are joined to the main pipeline

at regular intervals. When water is allowed to flow through the main pipe under pressure with the help of a pump, it escapes from the rotating nozzles. It gets sprinkled on the crop as if it is raining.

6.

**DOWN** ↓

- 1. IRRIGATION
- 2. STORAGE
- 5. CROP

**ACROSS** →

- 3. HARVESTOR
- 4. GRAM
- 6. WINNOWING

