

WELCOME TO THE ONLINE CLASS

SESSION NO.: 6

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 1

CHAPTER NAME: PLANTS: INCREASING THE NUMBER

SUB TOPIC: AGRICULTURE

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to know how to grow good crops.

WARM UP

- **Define crop.**
- **What are the different types of crop?**
- **Crops that are grown from June to October.**
- **Crops that are grown from November to April.**
- **The process to remove out the unwanted plants which grown along the useful crops.**
- **Any chemical used for destroying insects or other organisms harmful to cultivated plants or to animals.**
- **Any chemical used to kill the insects.**

AGRICULTURE

- The practice of growing plants on a large scale for food is called agriculture.



FOR GOOD AND HEALTHY CROP



Use healthy and ripe seeds for sowing.



Prepare the soil properly.



Add manure or fertilizers to the soil.



Irrigate the soil.



Use insecticides and pesticides.

MANURE

- Manure is the decomposed form of dead plants and animals, which is applied to the soil to increase production.
- It is a natural form of fertilizer and is cost-effective.



FERTILIZERS

- A chemical substance that is spread on land or soil to make plants grow better.
- Urea, super phosphate, ammonium sulphate and nitrate are the fertilizers.
- These are added to the soil to increase production.
- However, overuse of chemical fertilizers can be harmful for soil as well as the crops.



IRRIGATION

- Irrigation is the artificial process of applying controlled amounts of water to land to assist in production of crops.
- Irrigation helps to grow agricultural crops, maintain landscapes, and revegetate disturbed soils in dry areas and during periods of less than average rainfall.



INSECTICIDES

- Any chemical used to kill the insects is called an insecticides.
- They help farmers by killing the insects which might eat their crops.



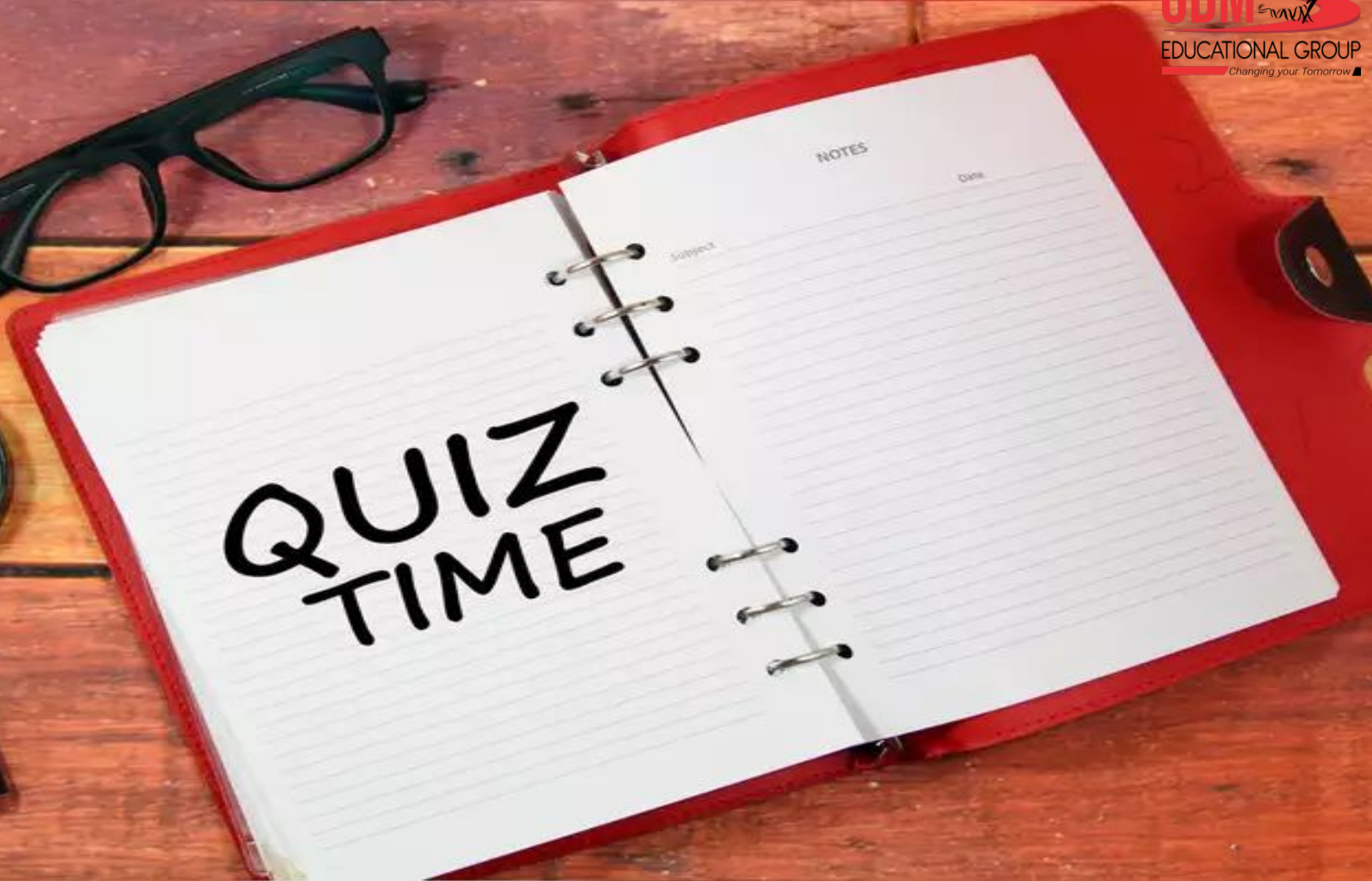
PESTICIDES

- Any chemical used for destroying insects or other organisms harmful to cultivated plants or to animals are called pesticides.
- They help farmers grow more food on less land by protecting crops from pests, diseases and weeds as well as raising productivity per hectare.



SUMMARY

- **The practice of growing plants on a large scale for food is called agriculture.**
- **Manure is the decomposed form of dead plants and animals, which is applied to the soil to increase production.**
- **Fertilizers are chemical substance that is spread on land or soil to make plants grow better.**
- **Irrigation is the artificial process of applying controlled amounts of water to land to assist in production of crops.**
- **Any chemical used for destroying insects or other organisms harmful to cultivated plants or to animals are called pesticides.**



**QUIZ
TIME**

NOTES

Date

Subject

1. The practice of growing plants on a large scale for food.

ANS: Agriculture

2. The decomposed form of dead plants and animals, which is applied to the soil to increase production.

ANS: Manure

3. A chemical substance that is spread on land or soil to make plants grow better.

ANS: Fertilizers

4. The artificial process of applying controlled amounts of water to land to assist in production of crops.

ANS: Irrigation

5. Any chemical used for destroying insects or other organisms harmful to cultivated plants or to animals.

ANS: Pesticides

HOMEWORK

- **Make an informative chart of kharif and rabi crops.**

E. WRITE SHORT ANSWERS.

5. What are kharif crops?

Ans: The crops that are grown from June to October are called kharif crops or monsoon crops.

6. Why do we spray pesticides on crops?

Ans: We spray pesticides on crops to protect The crops from being destroyed by the pests.

LEARNING OUTCOME

The learner will be able to know how to grow good crops and how to protect them from insects.

THANKING YOU
ODM EDUCATIONAL GROUP