

## SECOND TERM E-LEARNING NOTE

**SUBJECT: AGRICULTURAL SCIENCE**

**CLASS: SS 2**

<b>WEEK</b>	<b>SCHEME OF WORK</b>
1-2	Pasture and Forage Crops
3	Forest Management
4	Floriculture
5-6	Diseases of Crops
7-8	Pests of Crops
9	General Prevention and Control of Crop Pests
10	Revision
11-12	Examination

### TEXT BOOKS

1. Essential Agricultural Science for Senior Secondary Schools by O. A Iwana
2. Prescribed Agricultural Science for Senior Secondary School.
3. WAEC Past Questions and Answers Booklet

### WEEK ONE AND TWO

**Date:** \_\_\_\_\_

### TOPIC: PASTURE AND FORAGE CROPS

#### CONTENT

- Meaning, uses and types
- Factors affecting the distribution
- Management, practices of pastures

### MEANING OF PASTURES AND FORAGE CROPS

**Pasture:** This is a piece of land on which forage crops grow.

**Forage Crops:** These are plants cultivated (or growing naturally) whose vegetative parts (leaves and stem) are fed on by livestock.

### USES OF FORAGE CROPS

1. They are used as livestock feeds
2. They are used as cover crops which conserve soil moisture.
3. They help in discouraging weed growth
4. Some are leguminous in nature which enrich soil nutrient.
5. For prevention of erosion
6. Used as green manure
7. Used for roofing farm steads
8. As bedding materials

### TYPES OF PASTURES

- A. Natural pasture: also called natural grassland or rangeland is piece of land on which grasses and legumes grow naturally on their own and are fed upon by farm animals

### **CHARACTERISTICS OR FEATURES OF NATURAL PASTURE**

1. It contains poor quality grasses and legumes.
2. It contains soil types that are low in fertility or nutrients.
3. It contains wide varieties of grasses and legumes, some of which may not be eaten by livestock.
4. It has good regenerative ability.
5. Crops here can withstand trampling.

### **EVALUATION**

1. What are pastures and forage crops?
2. List five uses of forage crops.

- B. Artificial pastures: this is also referred to as established or sown pasture is a piece of land that is where grasses and legumes are cultivated and managed by man to be fed by livestock.

### **CHARACTERISTICS FEATURES OF ARTIFICIAL PASTURES**

- 1) It contains high quality grass and legumes
- 2) It contains no weed.
- 3) Selected grasses and legumes are grown in adequate proportion
- 4) Have high regenerative ability
- 5) Can withstand trampling by farm animals.

### **QUALITY OF A GOOD PASTURE PLANT**

1. Ability to regenerate fast after being browsed
2. Ability to withstand trampling
3. It must...