OVERVIEW

AGRICULTURE YEAR 9 2020

TERM 1 TOPIC COCOA

WEEK SUB TOPICS COMMENTS

 1 Introduction to Cocoa – its uses Notes, diagrams

 The Cocoa tree

 2 Cocoa flowers-flower parts

 Draw diagrams and label. Fruit pollination Notes, diagrams

 3 Types of Cocoa pods and varieties.

 Criollo, Amelonado, Trinitario Notes, diagrams

 4 Cocoa seeds—Parts of a seed

 Cross section of a Cocoa pod Notes and diagrams

 5 Seed shape and colour Notes and diagrams

 Growing conditions of Cocoa

 6 Temporary shade-Pigeon peas,banana, Notes and diagrams

 Glyricidia, Rosewood. Advantages and disadvantages

 Of both temporary and permanent shade.

 7 Planting arrangement, thinning, raising Cocoa Test No 1

 Seedlings, sowing, after sowing, planting seedlings

 And planting techniques.

 8 Planting seeds at stake. Care of Cocoa growing, Notes and

 Weeding, brushing, shade thinning, pruning and diagrams

 Mulching.

 9 Controlling Pests and Diseases. Pests-rats, rose Notes and diagrams

 Beetles. Diseases-black pod, stem canker, and

 Dieback. Harvesting time, techniques. Breaking

 Pods and Sorting. Fermentation- reasons.

 10 Methods used for fermentation. Drying the beans- Test No 2

 Sun drying and Hot air drying. Storage. Area for

 Storage. Grading and Marketing.

 11 Vocabulary of terms

 12 Revision

 13 Revision

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TERM 2 TOPIC CATTLE

 SUB- TOPICS

WEEK 1 Importance of cattle in Vanuatu. Draw the external Notes

 Of cattle. Draw the digestive system of cattle and

 Label. List the functions of the digestive system.

WEEK 2 Draw the reproductive system of a male and female

 Farm animal. Explain the functions. How to start cattle

 Farm. Importance of animal feed

WEEK 3 Grazing management. Weed control, stocking rate and

 Land preparation. Weeds, legumes and pastures.

WEEK 4 Herd improvement. Breed classification and their

 Characteristics. Natural and Artificial insemination.

 Herd management, control of stock and selecting

 Breeding stock.

WEEK 5 Separating animals into groups. Controlling breeding

 Stock. Management of breeding animals. Calving

 Normal and abnormal.

WEEK 6 Identification of animals. Methods of weaning. Explain the

 Steps in castration. Explain the methods of castration.

WEEK 7 Importance of dehorning. Tools used in the process. What

 Is culling? Reasons for culling. Fencing and electric fences

WEEK 8 Using barbed wire. Constructing fence. Purpose of a stockyard. Test

 What is a crush and how is it used.

WEEK 9 The concept of health. Signs of a healthy animal. Some

 Common pest of cattle. Ticks and roundworms.

 Rotational grazing. The concept of drenching.

WEEK 10 Diseases of cattle in Vanuatu. Brucellosis, Tuberculosis,

 and Mastitis. Causes, signs and control of each.

WEEK 11 Revision week

WEEK 12 Revision week Topic test

WEEK 13 Revision week and assignments

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