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and their Uses; 4.3 Importance of Vegetables in World Trade; 4.4 History; 4.5 Cultivation; 4.6 Protection; 4.7 Leafy Vegetables; 4.8 Immature Seeds as Vegetables; 4.9 Melons, Squash, and Cucumber 4.10 Petiole and Stem Vegetables 4.11 Root Vegetables; 4.12 Other Vegetables; 4.13 Transport and Storage of Vegetables; 4.14 Conclusions; Questions; References; Bibliography; 5 ROOT CROPS; 5.1 Root Crops on the Three Farms; 5.2 Introduction; 5.3 Root Crops; 5.4 Botanical Descriptions; 5.5 Tubers; 5.6 Cassava: Modified Roots; 5.7 Taro: Corm; 5.8 Other Common Root Crops; 5.9 Genetically Modified Root Crops; 5.10 Nutritional Values of Carbohydrate-Rich Root Crops; 5.11 Preparation and Consumption; 5.12 Conclusions; Questions; Bibliography; 6 FRUITS, BERRIES, AND NUTS 6.1 Fruit, Berry, and Nut Production on the Three Farms 6.2 Introduction; 6.3 Tree Fruits; 6.4 Tropical Fruits; 6.5 Subtropical Fruits; 6.6 Temperate Fruits; 6.7 Berries; 6.8 Nuts; 6.9 Coconut; 6.10 Other Uses of Fruit and Nut Trees; 6.11 Peanuts; 6.12 Conclusions; Questions; Bibliography; References; 7 FARM ANIMALS AND FISH; 7.1 Animals on the Three Farms; 7.2 Importance in World Agriculture; 7.3 Animal Production Systems; 7.4 Chicken, Duck, and Goose Production; 7.5 Cattle and Buffalo Production; 7.6 Sheep and Goat Production; 7.7 Swine Production; 7.8 Aquaculture; 7.9 Other Farm Animals 7.10 Nutrition 7.11 Conclusions; Questions; References; Bibliography; 8 CLIMATE AND FOOD PRODUCTION; 8.1 Climate at the Three Farms; 8.2 Climatic Zones of the Three Farms; 8.3 Classification of Climatic Zones; 8.4 Crop Production and Climate; 8.5 Precipitation Patterns and Crop Production; 8.6 Day Length; 8.7 Length of Growing Season; 8.8 Growing Degree Days; 8.9 Humidity; 8.10 Adverse Weather Conditions; 8.11 Climate Change and Possible Effects on Food Production; 8.12 Conclusions; Questions; References; Bibliography; 9 SOILS AND WATER; 9.1 Soil on the Three Farms; 9.2 Introduction 9.3 Available Land

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### Sommario/riassunto

A comprehensive look at food production and consumption worldwide This global overview of agriculture discusses all of the primary aspects of food production and relates that information to human nutritional needs. It covers everything from food crop production to food preparation. Beginning with a detailed description of representative farms in different climates, World Food: Production and Use: Describes how and where food is produced and who produces it Compares and contrasts different farming systems and describes how local culture and environment influence food producti

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