

Name _____

Date Due: _____

UNIT 2 **Topic 4: Meeting the Need for Food and Fiber**

1. What does Canada do with its surplus of agriculture and forestry products?
2. What is sustainability?

Agriculture in Alberta:

3. What has happened to much of the native grassland and forests in Alberta?

Who's Who in Crop Country:

4. Match the crops from pages 134 - 135 with their descriptions:

Can tolerate saltier soils and drier conditions; used for malt flavouring _____

Adapted to cooler and moister regions of Alberta: horses love it _____

Used by one-third of the world's population, needs long growing season _____

Used to make margarine and cooking oil _____

Love cool and wet growing seasons _____

Grown for leaves and stems and fed to livestock _____

Farming practices

5. What is meant by irrigation?
6. What is meant by a monoculture? Give an example.
7. Where, and approximately when, was the plough invented?

Saving Soil Moisture

8. What are two ways moisture can be lost?

9. What are two ways farmers are able to add moisture to their land?

Fibre Plants and the Forest Industry

10. About what percent of the world's forests does Canada have? _____

11. What is meant by a diversity in an ecosystem?

12. What type of forestry practice can increase the diversity of forest species?
- careful cutting that lets more light and air into the forest

Who's Who in Figrespace

13. Match the trees from pages 144 - 145 with their descriptions:
 - leaves seem to shake or tremble in a breeze _____
 - seeds are released by fire _____
 - one of best woods for firewood _____
 - likes muskeg and poorly drained soils _____

Global Problems:

14. What is erosion?

15. What is desertification?

16. What has caused soils in Brazil and West Africa to become useless?

17. What has caused the erosion shown in Fig. 2.53 on page 148?