Study Guide for CA#5 Food, Soil & Pest Management

Date received \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date of assessment \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Essential Vocabulary**

* Food security
* Chronic malnutrition
* Overnutrition
* Subsidies
* Industrialized agriculture
* Monoculture
* Traditional agriculture
* Polyculture
* Organic agriculture
* Green revolution
* aquaculture
* Topsoil
* Desertification
* Soil salinization
* Agrobiodiversity
* Pest
* Synthetic pesticide
* Integrated pest management
* Soil conservation
* Organic fertilizer
* Synthetic inorganic fertilizer
* aquaponics

**SC.912.L.17.12:** Discuss the political, social, and environmental consequences of sustainable use of land. DOK 3

**SC.912.L.17.19** Describe how different natural resources are produced and how their rates of use and renewal limit availability. DOK 2

**SC.912.L.16.10** Evaluate the impact of biotechnology on the individual, society and the environment, including medical and ethical issues. DOK 3

**Benchmark Clarification**

* Students will evaluate examples and/or explain the possible impact of biotechnology on the individual, society, and/or the environment.

**Content Limits**

* Items may assess current issues but will not require knowledge of specific biotechnologies or specific medical issues.
* Items assessing the possible impacts of biotechnology will not assess monetary impacts.

**Textbook reference: Unit 4 Environmental Quality: Chapter 9 Food, Soil and Pest Management page 272-316**