

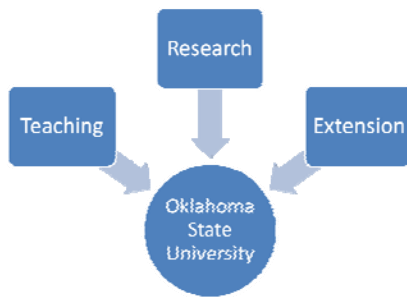
PLNT 1213
Course Notes
Crops: The foundation of society
Text Chapter 1

Objectives:

- Know the ten most important crops in the world
- Explain why plants are good sources of food
- Be familiar with the history of crop production

What is Plant and Soil Science?

Land Grant University



OA&M – Established in 1890
Authorized by the Morrill Act (1862)

OAES – Established in 1892
Authorized by the Hatch Act (1887)

OCES – Established in 1914
Authorized by the Smith-Lever Act (1914)

OSU Plant and Soil Science

Studies:

Crop production
Sustainable agriculture
Crop breeding and genetics

Plant physiology and
biochemistry
Weed Science
Soil fertility

Soil conservation
Soil formation
Soil microbiology

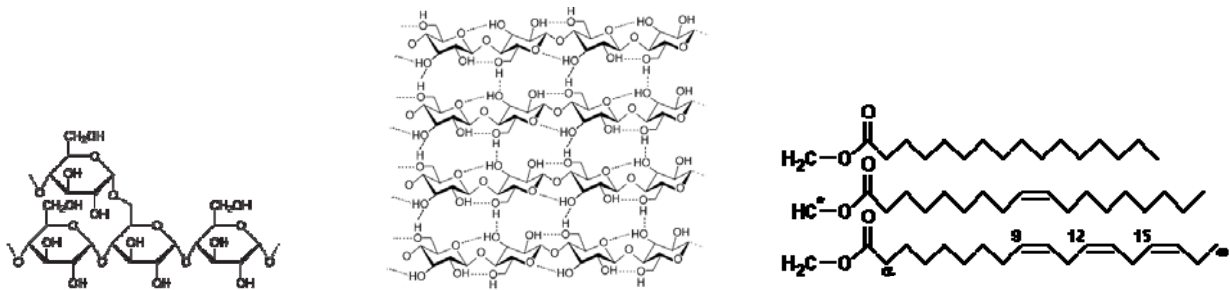
Agronomy:

Crop:

The Crops that Feed the World

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| 10. | 5. |
| 9. | 4. |
| 8. | 3. |
| 7. | 2. |
| 6. | 1. |

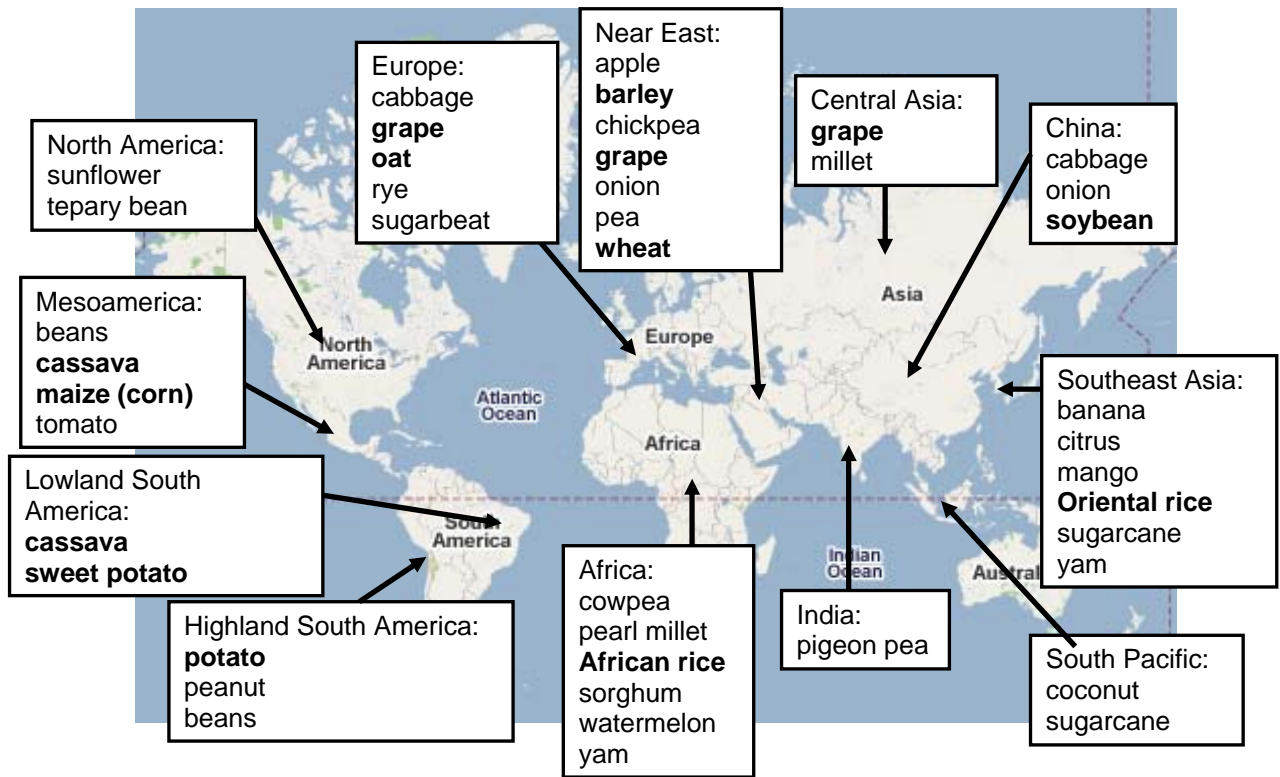
Why are Plants a good food source?



A History of Crops

Domestication

Centers of Origin



Early agronomic practices

Modern crop production

