

North Dakota State University  
PLSC 731: Plant Molecular Genetics

On-Line Learning Study Guide  
*Plant Domestication*

The following is your on-line study guide for the topic of "*Plant Domestication*". You have access to the following resources at this WWW site:

- **Highlighted .pdf Notes** (used in the on-line lecture)
- **Three manuscripts to read (two required)**
- **Study questions for the required manuscripts**

**Learning Objectives**

1. Define plant domestication
2. Describe the domestication syndrome
3. Describe traits that have evolved from the wild to domesticated state
4. Define the molecular nature of genes that have been associated with domestication
5. Define convergent evolution and be able to discuss those domestication traits have undergone convergent evolution in different species

**Be prepared to be assessed with respect to your understanding of the learning objectives by class discussion.**