Development of Agriculture and Society

*In the beginning, Nomads followed herds of animals and gathered food. When they discovered that they could seed grain and harvest it, they no longer needed to follow a food source. This allowed people to live in one place, thus the beginning of civilization.*

* Origins of Grain
  + Wheat = \_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_
  + Corn = \_\_\_\_\_\_\_\_\_\_
* Explorers would bring \_\_\_\_\_\_\_ to North America, and return with \_\_\_\_\_\_\_.
* Agriculture 250 Years Ago
  + \_\_\_\_% of the US Population Farmed
  + Each Farmer produced enough food to feed and clothe \_\_\_ people
  + Most of the work was done by hand- some animal power was used
  + People used the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_* to exchange goods and services.
* 250 Years Ago
  + Families were self-sufficient by producing their own
* Significant Events- 250 Years Ago
  + 1793- Eli Whitney invented the cotton gin.
    - The cotton gin helped remove seeds form the short staple of cotton, and the demand for cotton grew. Cotton was used in the US and exported as well!
* Agriculture 200 Years Ago
  + \_\_\_\_\_% of the population still farming
  + Each farmer produced enough to feed and clothe \_\_\_\_\_\_ people
  + The barter system was used mostly for trading soap, candles, medicines, and shoes
  + Families were becoming \_\_\_\_\_\_ self-sufficient
* Significant Events- 200 Years Ago
  + \_\_\_\_\_\_- Cyrus McCormick developed the *mechanical reaper*. Mechanical reaper was the forerunner of the grain combine and was used for wheat.
  + \_\_\_\_\_\_- John Deere began manufacturing plows. With this invention the fertile ground could be plowed under and cultivated
* Agriculture 150 Years Ago
  + \_\_\_\_\_% of the population farmed
  + Each farmer produced enough for \_\_\_ others
* Significant Events- 150 Years Ago
  + \_\_\_\_\_- Michigan and Pennsylvania established the first state agriculture colleges. Justin Morrill a senator from Vermont introduced a bill to provide funds to establish schools to teach practical methods of producing food and fiber. These schools would also be conducting *scientific research*.
* Significant Events- 150 Years Ago
  + \_\_\_\_\_\_- President Lincoln created the first Department of Agriculture. (USDA)
  + The \_\_\_\_\_\_\_\_\_\_ passed providing land to each state to build a college for common people. The purpose was to teach agriculture and mechanical arts.
* Significant Events- 150 Years Ago
  + \_\_\_\_\_\_- Transcontinental railroad was completed.
  + \_\_\_\_\_\_- Congress passed the *Hatch Act.* This allowed states with land grant colleges to establish experiment stations.
  + \_\_\_\_\_\_- The first grain silos were built
  + \_\_\_\_\_\_- *Hybrid Corn*, which is produced by crossing different varieties was introduced
* Agriculture 100 Years Ago
  + Only \_\_\_\_% of people farmed
  + Each farmer produced enough for \_\_\_\_ others
  + Gasoline \_\_\_\_\_\_\_\_ were introduced
  + Banks began loaning money to farmers to purchase \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_
  + Farm families produced most of their own \_\_\_\_\_\_and \_\_\_\_\_\_\_\_, and consumers had more needs.
* Significant Events- 100 Years Ago
  + \_\_\_\_\_- The *Smith-Lever Act* was passed by congress.
  + \_\_\_\_\_- The *Smith-Hughes Act* was established. This allowed agriculture to be taught in high schools.
  + \_\_\_\_\_- The Farm Credit Administration was established
  + \_\_\_\_\_- The school milk program was initiated
  + \_\_\_\_\_- A general agreement on tariffs and trade was negotiated
* Agriculture 50 Years Ago
* \_\_\_\_\_\_\_% of the US Population was farming
* Each farmer produced enough for \_\_\_\_\_ others
* Gas tractor was in general use, \_\_\_\_\_\_ still outnumbered tractors as the main source of farm power
* Banks provided capital to farmers. Farmers tried to avoid borrowing because of massive farm losses and foreclosures in the 20’s and 30’s.
* Significant Events 50 Years Ago
  + \_\_\_\_\_- The mechanical tomato harvester was developed.
  + \_\_\_\_\_- The national food stamp program was passed.
  + \_\_\_\_\_- More farmers used *Integrated Pest Management (IPM)*
  + \_\_\_\_\_- Passage of the *North American Free Trade Agreement (NAFTA)*
* Agriculture Today
  + Less then \_\_\_\_\_% of US population is involved with production agriculture
  + Each farmer produces enough for \_\_\_\_\_ others
  + Many gov’t programs are available to help stabilize production and processing, insure supplies, limit soil erosion and regulation.
  + For every dollar produced by agriculture, 6-8 other dollars are generated in a community
* Significant Events
  + The US supplies \_\_\_\_\_\_ of the grain sold on the world market
  + The number of farmers have\_\_\_\_\_\_\_\_, but related agriculture jobs has \_\_\_\_\_\_\_\_\_\_\_\_\_