# Crop Production
## Grade Level 9<sup>th</sup> - 12th

<table>
<thead>
<tr>
<th>Overview</th>
<th>Students will learn to create visualizations for their audience to view and understand effectively and efficiently.</th>
</tr>
</thead>
</table>
| Objective         | 1. The students be able to read and comprehend crop production data.  
                           2. The students will be able to create line and bar graphs that correspond to crop production data. |
| Standards         | Standard 1.1- Listening and Reading  
                           Standard 1.2- Speaking and Writing Career Development  
                           Standard 3 a. 1- Basic Skills |
| Materials         | • Corn, soybeans, and wheat production for 2009  
                           • Many Eyes Application |
| Procedures        | 1. Find the annual production for soybeans, corn, and wheat in 2009.  
                           2. Create a spreadsheet with each crop in a row and the production factor in the column. Use soybeans, corn, and wheat.  
                           3. After this spreadsheet is created, copy the data and use the Many Eyes Application to create a bar graph and line graph with soybeans, corn, and wheat all in each graph. |
| Evaluation        | The students will be graded according to the following:  
                           • Participation during the project  
                           • 10 points for each graph that they create |