Enzyme/Corn/Bioethanol Research

**Instructions:** Use the resources that have been provided in your playlist and reliable sources on the internet to research the answers to these questions. Please answer all questions in complete sentences except #1 and #3. **Site all of your sources by providing a URL after each answer.** To receive a grade you must type your answers or upload them in a file in your Moodle Biology class.  
  
**Enzymes in your daily life**  
1. List 5 commercial products that contain enzymes  
2. Describe three ways that enzymes can reduce CO2 emissions  
  
**General Corn questions**  
3. What are the uses of corn? List at least 10.  
4. In your opinion, what is the most unusual thing that is made out of corn? Why did you choose this item?  
5. Research the top 3 uses for corn in the United States (think about general uses not a specific product).  
6. Where is corn grown?

a. List the top 3 countries that grow corn.

b. Which country produces the most corn? How much do they produce (in metric tons)? How much does the second most country produce? How much does the third most country produce?

**Bioethanol questions**  
7. In your own words, what is bioethanol?   
8. How is bioethanol made?  
9. How much bioethanol is produced in the United States?  
10. Find a map of the bioethanol factories in the United States. Describe the relationship between where the bioethanol factories are located and where corn is produced.  
  
Did you site a source after each answer? Are you answers in complete sentences?