## Virtual Lab: Dependent and Independent Variables Worksheet

- ECB refers to:
   a. A genetically engineered plant that is resistant to insect pests
   b. Edible corn byproducts
   c. An insect pest that reduces corn yield
   d. European corn borer

	I. Sidle the Flower
	1. State the Froblem 2. Tribat was the hypothesis:
2 What was the hunothesis? 3 How was the hunothesis tested?	or train mad and type
	ould the hypothesis be supported or rejected based on the experiment?
	5. What should be the new hypothesis?
	How Penicillin Was Discovered
	In 1928, Sir Alexander Fleming was studying
Staphylococcus bacteria growing in culture existed around the mold because all the bacteria that had grown in this area had  dishes. He noticed that a mole area had	ld called Penicillium was also growing in some of the dishes. A clear are areas were present.
a the pacteria. He	rieming nypoinesized that the mola must be producing a chemical that kill be produced a chemical that kill be produced and should be produced as the control of the produced and
the mold to a nutrient broth solution. This solution contains	
eria died.	are molu had grown to a culture of bacteria. The observed diat are
Identify the problem.     7. What was Fleming's hypothesis?	
	ypothesis tested?
	Should the hypothesis be supported or rejected based on the experiment?     10. This experiment lead to the development of what major me
ical advancement?	