

**Virtual Lab: Dependent and Independent Variables
Worksheet**

1. 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
 - e. c and d

2. How many days are required for a corn seed to become a mature plant with maximum weight kernels ready to be harvested?
 - a. about 23
 - b. about 65
 - c. about 140
 - d. about 180

3. "BT Corn" refers to corn that:
 - a. Has been infested with insect pests
 - b. Has been infected with bacteria
 - c. Is resistant to ECB
 - d. Is not affected by pesticides

4. BT is:
 - a. A stomach poison produced by bacteria
 - b. A genetically engineered corn product
 - c. A bacterium carried by the European corn borer
 - d. A bacterium that has a gene for producing Cry proteins

5. Creation of BT corn requires genetic material from all of the following except:
 - a. European corn borer
 - b. *Bacillus thuringiensis*
 - c. a corn plant
 - d. all of the above contribute genetic material to the production of BT corn