



# INDIANA CCA POST-CONVENTION SELF-STUDY CEU QUIZ

## Picking and Choosing: GMO Traits Available in Corn and Soybeans

Larry Bledsoe and John Obermeyer

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- The term GMO is an abbreviation for:**
  - a. Genetically Mediated Objects
  - b. Genetically Manipulated Organelles
  - c. Genetically Modified Organisms
  - d. Genetically Marked Organisms
- In biotechnology an “event” refers to:**
  - a. the unique process that results in the desired genetically altered organism.
  - b. the process of adding a marker gene to the desired gene.
  - c. a company marketing campaign that launches a new GM crop.
  - d. the chemical procedure in which a gene is extracted from a donor cell.
- Herbicide tolerant crops that are labeled IMI, CL, or STS are examples of genetic modification using:**
  - a. biotechnology procedures
  - b. traditional plant breeding procedures
  - c. plant enzyme substitution procedures
  - d. bacterial gene substitution procedure
- The gene responsible for the insecticidal properties of a “Bt” crop was originally identified in a:**
  - a. freshwater alga
  - b. terrestrial fungus
  - c. plant nematode
  - d. soil bacterium
- The trade name for glyphosate resistance in crops is:**
  - a. Roundup Linked
  - b. Liberty Ready
  - c. Roundup Adapted
  - d. Roundup Ready
- Combining multiple GM traits is referred to as:**
  - a. assembling
  - b. stocking
  - c. value added
  - d. stacking
- Careful adherence to recommendations for crop refuges will:**
  - a. increase GM crop yields.
  - b. decrease the likelihood of insect resistance to GM crops.
  - c. increase the number of GM crops available.
  - d. decrease the technology fee.
- Many commercial soybean varieties have been Genetically Modified to have:**
  - a. resistance to many insect pests.
  - b. tolerance to many herbicide classes.
  - c. resistance to the bean leaf beetle.
  - d. tolerance to glyphosate herbicides.
- Several different GM crop events can be constructed using the same...:**
  - a. active protein.
  - b. unique process for transforming an organism.
  - c. name or number.
  - d. traditional selective breeding process.
- The physiological environment necessary for the activity of the Bt toxin to be expressed only occurs in:**
  - a. muscle tissue of certain mammals.
  - b. nerve tissue of all earthworms.
  - c. blood vessels of certain insects.
  - d. gut of certain insects

Fax the completed exam to Dr. Jim Vorst (765) 496-2926 (fax), (765) 494-6374 (phone), or mail to Dr. Jim Vorst, Agronomy Department, 915 West State Street, Purdue University, West Lafayette, IN 47907-2054. Please allow 30 days for processing. An exam score of 70% or higher will earn CEU credit.