

Name: \_\_\_\_\_ EID: \_\_\_\_\_

## Topic: Genetically Modified Crops

Pre-discussion questions. Answer briefly. Use only the space provided.

- 1) 'Golden Rice' was created to solve what major societal problems?
- 2) Summarize how 'Golden Rice' varieties have been genetically modified.  
Mention relevant genes, their original source organisms, and key chemical compounds.
- 3) Roundup Ready<sup>®</sup> crops were created to solve what major societal problems?
- 4) Summarize how Roundup Ready<sup>®</sup> crops have been genetically modified.  
Mention relevant genes, their original source organisms, and key chemical compounds.
- 5) Contrast the organizations that have developed these two GM crops and their motivations.  
Do you think that different rules should apply to certain GM crop projects? Why or why not?

(Optional) How long did it take you to complete the reading this week? \_\_\_\_\_ hours