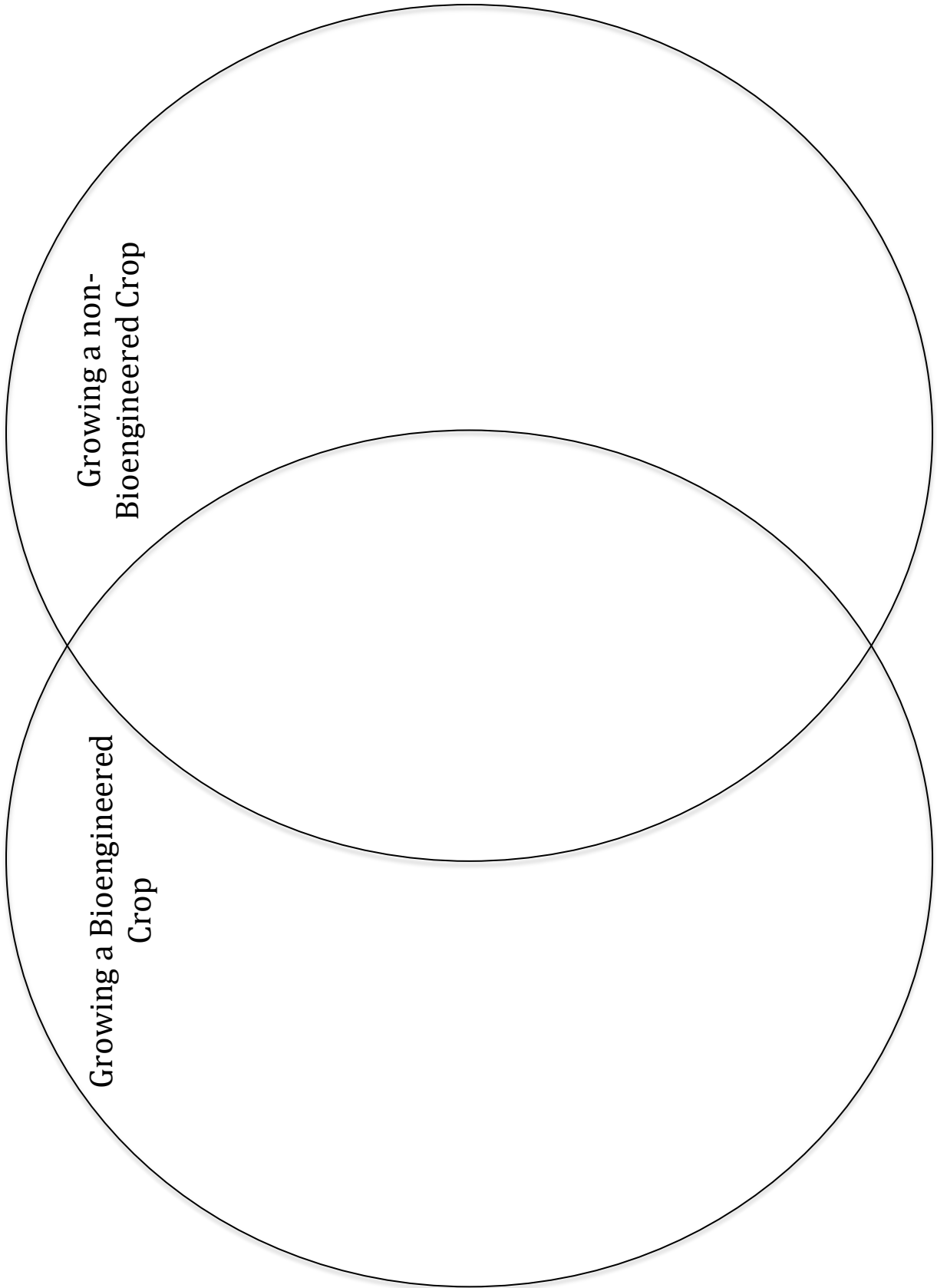


Name _____

Critically Thinking Bioengineering

Comparing Crop Production Methods



Benefits of Bioengineered Crops

Risks of Bioengineered Crops

Critically Thinking in Pairs

Step 1: After being separated into pairs, you will be assigned a position on the use of GMOs in our food supply. Mark it below:

I am in favor of bioengineering

I am against Bioengineering

Step 2: Find evidence to support your assigned position. List 3 pieces of evidence below in order from highest quality to lowest quality. Choose these 3 arguments based upon what you have learned in this lesson as well as further research you perform on your own. Your notes on the first two pages of this handout will be helpful.

1. _____

2. _____

3. _____

Step 3: Formulate your argument to support the position you have been assigned. Summarize it below in 1-2 paragraphs.

Step 4: With your critical thinking partner, discuss both of your final positions on the use of bioengineering. Together, discuss the evidence for each position. Identify which portions of the position are based upon scientific research and which portions are based more on social issues. List them below:

Scientific Issues

Social Issues

Step 5: Reach a consensus. The use of bioengineering is a topic that combines both social and scientific issues. Your consensus will be a combination of the two opposing views based upon multiple lines of evidence. Below, formulate a NEW position, which addresses the needs and wants of both sides of the issue. Keep in mind that the consensus may include multiple solutions.