Stage 3: Imagine

1. Overview of is your solution and why it will solve your problem?

    Our solution is to genetically modify soybeans to grow larger and with more nutrients. The growing of soybeans for cattle feed and produce is one of the leading causes of deforestation in the Amazon in Brazil. The use of GMOs will prevent people from cutting down more trees for agricultural use.

2. Detailed description of the solution

    Our solution is to genetically modify soybeans to develop bigger and contain more nutrients in order to help with the deforestation issue in Brazil.

3. Your action plan: What needs to happen for you to be able to pitch your product

    We need to research how soybeans have already been genetically modified and how that affected them.

4. Email to virtual mentor
    We originally thought that deforestation could be solved by creating GMOs to use less space but our mentor gave us a clearer idea. He said that genetic modification to plants to use less space has been done to some degree with wheat and corn but it has its' own issues with respect to how agriculture is done. He also asked us if we were focusing on a specific area such as Brazil, giving us the idea to focus on one area. This led us to research deeper into deforestation in Brazil and the causes. We found that cattle pastures and

soybean farms worked together to become the biggest cause in Brazil. Soybeans are a main source of food for cattle and the demand is very high. Therefore what happens is soybean farmers come in and convert cattle pastures into farm plots.