##### CASE ANALYSIS SHEET

1. Open the Case: Depending on how your instructor provides the case, watch the ASL video and/or read the case.
2. Recognize unfamiliar terms
   1. Individually, re-read the case or view the video again. As you are doing so, circle terms or make notes of terms that are unfamiliar, or for which you need a definition.

3. Recognize major issues in the case

Then, review the case again and list 3-4 topics or issues that answer the question **“What is this case about?”**

* **risks and benefits of GMOs**
* **genetic engineering**
* **food allergies**
* **history of plant breeding (selective breeding)**
* **soil conservation**
* **how GMOs can help reduce work for farmers, less tilling**
* **water supply, herbicides, pesticides, carcinogenics**
* **myth that all vegetables you see are GMOs**

4. A. Connecting to what you know already By yourself, list one thing that you already know that is related to this case in the ”What Do I Know?” column.

Then, list one question you would like to learn more about in the “What Do I Need to Know?” column.

4.B. Sharing with the Group: Now share your ideas with your small group. Have one person keep notes of the discussion.

|  |  |
| --- | --- |
| What Do I Know? | What Do I Need to Know? |
| * how the GMO process works * tilling causes erosion * we have been breeding and cross-breeding plants for forever * must have 5% of field in non-GMO crop as refuge * GMOs are controversial * Using greenhouses saves energy | * definition of a GMO? * why are people fearful of GMOs? * does introducing new gene combinations into the gene pool cause problems? * What is the FDA approval process? * Herbicides are killing bees. Are GMOs also doing that? |

5. With your group members, review the questions you posed. Then choose 1-3 questions or issues in the “What do I need to know?” list that you agree are **most important** to explore. You might decide to combine some questions to write a new question.

Do the same selection process for 1-3 items that people in your group **already knew**.

Put checkmarks by these most important items. If you are writing new questions, put them here:

6. Identify potential resources: What kinds of references or resources will help you answer or explore these questions?

Identify three different resources and list them below, then

explain what information each resource is likely to give that will help you answer the question(s).

Choose specific resources or types of resources. Consider resources that are not online.

* **Environmental lawyer**
* **University professors in …**
* **Ask RoundUP (Monsanto)**
* **Internet for both FDA, EPA, USDA**
* **Contact a local farmer**
* **Interview someone from FDA,**
* **Field tips for GMO vs traditional farms**
* **European Commission for another perspective**
* **Local PIRG (public interest research group)**
* **Textbooks with info on GMOs**
* **YouTUBE GMOs, FDA, then expand**
* **Use librarians-prepared research guides**
* **World Health Organization for definition GMO**
* **Look at genetics keywords to see how GMOs are made**