**CREATE YOUR OWN FOOD USING EVIDENCE AND REASONING**

1. **How does your evidence support your decision to use that specific technology for your food modification?**

Explain the **connection** between your decision (#1 and #2) and your evidence (#3).

* Evidence 1 supports my decision because…
* Evidence 2 supports my decision because…

1. **What modification are you proposing for your plant-based food?**

* Option A: Herbicide Resistance
* Option B: Sterility
* Other:

1. **What evidence do you have?**

Using the “Advantages and Considerations” worksheet, list 2 pieces of evidence that support your decision to use that specific technology for your food modification.

Evidence 1:

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Evidence 2:

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1. **What genetic modification technique would you use to establish this modification?**

* Natural Selection
* Selective Breeding
* Induced Mutations
* Polyploidy
* Gene Editing

**5. If you are successful, what would be the potential advantages and considerations of your new food?**

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| **Advantages:** | **Considerations:** |
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**6. Why is it important to assess the advantages and considerations of your new plant species BEFORE releasing it to the public?**

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