<table>
<thead>
<tr>
<th>Survey Introduction</th>
<th>Consent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>My name is _______. I am part of a project with Massachusetts Institute of Technology and the World Food Programme conducting research on the introduction of storage technologies to the agricultural supply chain in Uganda.</td>
</tr>
<tr>
<td>City:</td>
<td>Your name will not be recorded, and any information you provide will be confidential.</td>
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<tr>
<td>WFP Project Partner:</td>
<td>You can choose not answer any questions you wish, and you can end your participation in this interview at any time.</td>
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<tr>
<td>Interviewer Name:</td>
<td>Your views are important as we hope to understand how farmers, traders, and the overall agricultural supply chains in Uganda change with the introduction of storage technologies.</td>
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<td></td>
<td>At the end of the project, we hope to have a better understanding of these interactions, with which we can better design storage technology trainings and programs in the future throughout Uganda.</td>
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Farming Practice

Section 1

1. Do you store or sell surplus crops?
2. What are the reasons for storing crops?
3. How have the reasons for storing crops changed over time?
4. What types of crops are stored?
5. What are the common methods of storage?
6. How do you access the storage technology?
7. How do you maintain the storage technology?
8. What are the maintenance costs associated with the storage technology?
9. How do you ensure the safety and security of your stored crops?
10. How do you protect your stored crops from pests and diseases?
11. How do you monitor the quality of your stored crops?
12. How do you decide when to sell or consume your stored crops?
13. What is the time period for which you are storing crops?
14. What are the benefits of storing crops?
15. What are the challenges and risks associated with storing crops?
16. How do you manage the risk associated with storing crops?

Section 2

2.1. Do you use any outside financing sources throughout the year? MFI, local savings and loan, etc...
2.2. Do you have any outside financing sources throughout the year? MFI, local savings and loan, etc...
2.3. Do you sell on credit? If so, what are the terms?
2.4. Do you use any outside financing sources throughout the year? MFI, local savings and loan, etc...
2.5. Do you use micro-insurance?
2.6. Did you use credit to purchase your storage technology?
2.7. Do you participate in a women's group? If not, why?
2.8. Do you participate in a micro-finance group? If not, why?
2.9. Do you participate in an agricultural extension service?
2.10. If yes, what benefits do you receive from these programs?
2.11. If yes, do you trust that association, WFP, or extension training program?
2.12. Do you currently participate in an association, WFP, or extension training program?

Section 3

3.1. How much food did your household purchase in the past year, by each month (estimated)?
3.2. How much food did your household purchase over the past year?
3.3. Has the presence of storage shifted the ability of anyone in your household to make financial decisions?
3.4. Has the presence of storage reduced the number of hours the female in your household spends doing drudgery work? If so, by how much?
3.5. How much of each crop does your household typically consume in one day?
3.6. In what month of the year do you skip the most meals?
3.7. What is the typical content of your meals?
3.8. How many times have you skipped a meal in the last month?
3.9. What is your highest completed level of education?
3.10. How large is your household? How many children?
3.11. When deciding whether or not to store a crop, do you consider the future selling price of that crop?
## Market Information

1.01 How do prices vary over harvest cycle for stored crops?
1.02 How often do farmers sell their crop to agents?
1.03 How often do agents come by farmgates (even if farmers choose not to sell)?
1.04 How much does it cost to get crop to final consuming destination (or to export market)?
1.05 To whom do farmers sell surplus crop?
1.06 What crops are scarce at certain times in the harvest cycle, and when are they scarce?
1.07 How far are markets from farmers?
1.08 How accessible are farmers in the harvest cycle?

## Buying Practice

2.01 What are the payment terms with farmers?
2.02 Do payments and goods exchange hands immediately upon sale?
2.03 What do you do with the crops after purchase?
2.04 How long do you typically store crops for?
2.05 Where do you bring the crops after purchase? To a central storage location, to additional markets, to large buyers, etc...?
2.06 What is the lead time between your purchase and next sale?
2.07 Who do you sell to?
2.08 Do you offer the same price to all customers?
2.09 What is the selling schedule?
2.10 Most importantly, what determines the selling schedule?
2.11 Trying to categorize by large/WFP-like buyers, mills, consumers
2.12 Do you offer the same price to all customers?
2.13 What is the payment process?
2.14 Does payment occur immediately when goods are exchanged?
2.15 Do you sell on credit? If so, what are the terms?
2.16 Do you use any outside financing sources throughout the year? MFI, local savings and loan, etc...
2.17 If so, is the outside financing necessary to operate your firm?
2.18 What do you do with the crop? (make improvements, store, sell as is, etc... )
Section 1: Supply Chain of Storage Technologies

1.01 What would you identify as some barriers to scale?
1.02 What are import constraints?
1.03 What are regulatory constraints?
1.04 What relationship do you have with distributors?
1.05 Where do you get your raw materials from?
1.06 How competitive is the market currently?
1.07 Who are your first tier suppliers?
1.08 What relationships do you have with government agencies?
1.09 What will you do in the off-season after the harvest?
1.10 Had you participated in crop storage technology manufacturing before WFP contacted you?
1.11 What would the salvage value of a technology be after 5 years?
1.12 What would secondary uses be for storage technologies?
1.13 What are other uses of your facilities? What were primary uses?
1.14 Did you have to hire extra labor to accommodate the UNWFP project orders?
Section 1: Agricultural Market Information

1.01 What is the selling price of each crop at harvest?
1.02 What is the maximum selling price of each crop, and when does the maximum price occur?
1.03 What are selling prices for each crop throughout the course of the year (or harvest season)?
1.04 Do farmers in this region have access to LRP options for selling their crop?
1.05 Do these devices work better for certain crops than others?
1.06 Do you anticipate shifting farmer growing behavior by introducing crop storage?
1.07 Do you anticipate shifting farmer selling behavior with LRP?
1.08 Who benefits in regional markets from delayed crop sales?

Section 2: Storage Technology Information

2.01 What are the most common ways in which storage technologies fail for farmers? (breakage, improper drying, etc.)
2.02 What is your product of choice?
2.03 How did you devise your training program?
2.04 What is the emphasis of the training program?
2.05 What is the emphasis you place on drying in your training?
2.06 Was there any resistance to buying the plastic tarp?
2.07 Is there a market that would buy-back silos after they reach a certain point?
2.08 Are certain crops more likely to fare better after 3 months storage? 6 months storage?
2.09 Are farmers aware of a growing local and regional procurement market for safe and substantial crops?
2.10 What other large procurement organizations exist in Uganda?