Survey Introduction	
Interviewer:	Consent:
Date:	My name is I am part of a project with Massachusetts Institute of Technology and the World Food Programme conducting research on the
City:	introduction of storage technologies to the agricultural supply chain in Uganda.
WFP Project Partner:	Your name will not be recorded, and any information you provide will be confidential.
Interviewer Name:	You can choose not answer any questions you wish, and you can end your participation in this interview at any time.
	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.
	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.

Farming Practice 1.01 What farming technique trainings have you participated in? 1.02 What crops do you grow (specific varieties and relative amounts)? 1.03 When do you plant the crop? 1.04 When did you harvest the crop? 1.05 How much of your crop do you typically consume (pre-storage)? 1.06 How much do you sell (pre-storage)? 1.06 - now much oo you see (pre-storage)? 1.07 How large is your farm (acreage)? 1.08 How many people work on your farm? 1.09 Do you mil your maize? If so, when? 1.10 What drying techniques do you use? 1.11 Do you estimate moisture content? If so, how? 1.12 What did training tell you about drying? 1.13 What moisture thresholds are acceptable for crop storage? 1.14 What transportation techniques do you use around your own farm and when traveling to a market? 1.14 what transportation techniques go you use around y 1.15 Do you use an insecticide? 1.16 How much of your crop is discarded due to damage? 1.17 How much of your crop is damaged? 1.18 How much of your crop is lost after harvest? 1.19 How much do you spend on seed, for each crop, annually? 1.19 How much do you spend on seed, for each crop, annually? 1.20 Mho do you buy from? How do you pay? 1.21 Do you save seed for next year's planting? 1.22 Dose your seed supplier offer credf? If so, what are the terms? 1.23 What is your selling price at harvest? And each applicable time period throughout the year? 1.24 Do you have other income sources? 1.24 Do you have other income sources? 1.25 How much of your cop do you sell at harvest? 1.26 — What is the selling schedule? 1.27 — Most importantly, what determines the selling schedule? 1.28 Who do you sell your crops to? 1.29 What is the payment process? 1.30 Does payment occur immediately when goods are exchanged? 1.31 Do you sell on credit? If so, what are the terms? 1.32 Do you use any outside financing sources throughout the year? MFI, local savings and loan, etc... 1.33 If so, is the outside financing necessary to operate your farm? Storage Practice 2.01 What storage methods did you use before the WFP training? 2.02 Why have you not used a storage technology in the past? 2.03 What crops are you storing? 2.04 How do you shield your stored crop from weather? 2.05 Are you trained to avoid break? 2.06 When and how do breaks typically occur? 2.07 How often does your storage technology break? 2.08 Do you have problems with model interstations? 2.09 What percent of your crop do you setimate that you lose to rat infestations? 2.09 What percent of your crop do you setimate that you lose to crops? 2.10 What percent of your crop do you setimate that you lose to crops? 2.11 Do you keep stored crop elevated or on the ground? Inside or outside your house? 2.12 What insects are problems for you? 2.13 Do you clean emove insects from your crop before you store t? 2.13 Do you clean remove insects from your crop before you store it? 2.13 Do you clean remove insects from your crop before you store it? 2.14 How long do you store crop? 2.15 Do you consume crops while you store them? 2.16 What is the quality of your crop after it is stored for X, Y, Z months? 2.17 For how much could you sell your storage technology after you are finished using it? 2.18 For how long do you expect to use your storage technology? 2.19 When deciding whether or not to store a crop, do you consider the future selling price of that crop? Household Informatio Household Information 3.02 Are you aware of the problem of toxins in the food supply? 3.02 if you are aware of toxins, do you know how they can be avoided or prevented? 3.03 How does consuming food containing toxins affect a person's health? 3.04 How does consuming food containing toxins affect the health of livestock? 3.05 How large is your household? How many children? 3.06 What is your household? How many children? 3.07 How many times have you skipped a meal in the last month? 3.08 What is the typical content of your meals? 3.09 In what month of the year do you skip the most meals? 3.10 How much of each crop does your household typically consume in one day? 3.11 Are there times of the year (i.e. celebrations or festivals) for which an increased amount of crop is consumed? 3.12 Has the presence of storage reduced the number of house the female in your household spends doing drudge 3.11 As the represence of storage reduced the number of hours the female in your household spends oling fludgerous work? If so, by how much? 3.12 Has the presence of storage reduced the number of hours the female in your household spends doing fludgerous work? If so, by how much? 3.13 Has the presence of storage shifted the ability of anyone in your household to make financial decisions? 3.14 How much food did your household purchase over the past year? 3.15 For WPP thal participants: How much food did your household purchase before and after your participation in the WFP trial? 3.16 How much food did your household purchase in the past year, by each month (estimated)? 3.17 Do you currently participate in an association, WFP, or extension training program? 3.18 If yes, do you trust that association, WFP, or extension training program? 3.18 If yes, do you trust that association, WFF, or extension trial 3.19 If yes, which benefits do you neceive from these programs? 3.20 Do you parks a cell phone? 3.21 Do you participate in an agricultural extension service? 3.22 Do you participate in a micro-finance group? If not, why? 3.23 Do you participate in a vemen s group? If not, why? 3.24 Dot you see cred to purchase your storage technology? 3.25 Do you use micro-insurance?

- 3.26 Did you use any collateral?

- 3.26 Did you use any collateral?
 3.27 Would you have bought the storage technology if it was \$X, \$Y, \$Z, etc.?
 3.28 Do you store grain outside of your house? If so: are you concerned about it?
 3.29 If you had numined crop stores, how much of each crop would your family consume each day?
 3.30 What crops that you grow do you prefer to eat?
 3.31 What do you think are the nutritional benefits of beans? Of Maize?
 3.32 Have people in your social network (fiends, family, neighbors, colleagues) bought the same or similar storage technology? If yes, what percentage?
 3.33 Who, if anyone, influenced your decision to buy your storage technology.
 3.34 Why did you decide to purchase the storage technology? Mare are tas main benefits (especially relative to the storage technology, if used, prior to this one)? Why is having this storage technology important to you?
 3.35 Why did you choose this storage technology over the other options available to you (i.e., why did he/she choose this option of the 4 available)?
 3.36 Are there any disadvantages to the storage technology? What you dhavis the thing any disadvantages to the storage technology? Why will will also the storage technology? Why shaving this storage technology were you able to see the product and/or experiment with it?

Crop Buyers 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 to 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? 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? le, 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 - Break down the above question to buyer info and quantities

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?

2.09 --- What is the selling schedule?

2.14 Does payment occur immediately when goods are exchanged?

2.10 -- Most importantly, what determines the selling schedule?

- 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...)

Storage Manu. & Distributors

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 accomidate the UNWFP project orders?

WFP & Partner Orgs	
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?

- 2.03 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 tarps?
 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 procurment market for safe and substantial crops?
 2.10 What other large procurment orginiztaions exist in Uganda?