

<i>AGRICULTURAL INFORMATION CONSENT FORM</i>
<u>An Impact Evaluation of a Mobile Agricultural Extension Program</u>
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<p>The purpose of this study is to understand how different sources of agricultural information affect your agricultural practices. The study will take one year from the initial survey to the last survey. In the study, you will participate in an initial survey, routine monthly phone surveys and a final survey. Your participation in this paper survey will take about two hours and your participation in the phone survey will be about 30 minutes monthly for the next 12 months. If you have any questions about the study, they will be answered for you. In this study, you will also have occasion to receive agricultural information on your mobile phone in the form of push calls from CMF; these push calls will be delivered weekly and each message will be about 3-5 minutes in length. You will also be able to use your mobile phone to call into a phone line and ask questions and hear pre-recorded advice about agriculture; your questions will be answered within two days. Other than the weekly push calls, your involvement with the service will be at your discretion. Whether you receive this service or not will be decided in a random and fair manner with all participants having an equal chance of winning.</p>
<p>For your participation in the study, you will receive a phone top-up value of Rs. 50 for the paper surveys and a Rs. 20 top-up for the phone surveys as an official thank you from the researchers at Harvard University. In addition, you will play "games" in this survey where you will have a chance to win some additional top-ups, with a maximum of Rs. 100.</p>
<p>Your participation in this study is purely voluntary, and you may withdraw your participation or your data at any time without any penalty to you. You may decline to answer any question. Additionally, your relationship and activities with DSC, Sajjata Sangh (SS) or other NGOs will not be affected by your answers in this survey at all. No one except the CMF research team will be able to see your personal information. Your responses will also not be shared in an identifiable manner with DSC, SS or other NGO staff</p>
<p>Furthermore, we will be asking you some questions about your top agricultural contacts. We will ask you to provide us with their contact information, after which we will contact them to ask them the same questions that we ask you today and offer them the same compensation. By doing this, we hope to understand with more accuracy how you and your contacts discuss and make decisions about agriculture. You may refuse to give this information; your contacts may also refuse to participate in the study at any point. In the latter case, any information you have provided about them will be deleted from our data.</p>
<p>Your data will be kept completely confidential in a secure location in the Ahmedabad CMF office. Once the research is completed, the paper documents will be destroyed. An electronic version of the data will be stored at Harvard Business School, without any personally identifiable information. These data may be made available to other researchers, again without any personally identifiable information.</p>
<p>You can also contact Niharika Singh (email niharika.singh@ifmr.ac.in) or Shahid Vaziralli (email Shahid.Vaziralli@ifmr.ac.in) at +91 79 4007 3682/3 at the Ahmedabad Office of Centre for Microfinance. You can also contact Toni Wegner, Coordinator, Protection of Research Participants by phone +1 617 496-9952, email twegner@hbs.edu at Harvard Business School.</p>
<p>Do you agree to participate in the study?</p>
<p>YES..... 1</p>
<p>NO..... 2 → END</p>
<p>We may record this survey to improve the quality of our survey in future rounds. This recording will be kept completely confidential following already outlined data security procedures.</p>
<p>Do you agree to have this survey recorded?</p>
<p>YES..... 1 → BEGIN SURVEY</p>
<p>NO..... 2 → DO NOT RECORD, BEGIN SURVEY</p>

INTERVIEWER: COMPLETE BEFORE BEGINNING THE MODULE0.1A Block Name: _____ B. Block Number:

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0.2A District Name: _____ B. District Number:

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0.3A Village name: _____ B. Village Number:

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0,4 Household ID Number:

--	--	--	--	--	--	--

0,5 Respondent ID Number:

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NOTE: Make sure the respondent is the CHIEF AGRICULTURAL DECISION-MAKER of the household.**Crops grown:**

Cotton Y N

Wheat Y N

Cumin Y N

0,6 Household Address: _____

0,7 Landline Telephone: _____

0.8A Primary Mobile Telephone No.: _____

NOTE: Confirm that this number is the same as in the respondent list. Also give the respondent a missed call to make sure the number is correct. If the number is not the same, write down new number and give it a missed call. Make sure that this number is the respondent's own or one that he has regular access to, i.e. should be within the household.

0.8B Mobile Network 1: _____

0.8C Alternate Mobile No: _____

NOTE: Double-check mobile number with household. If there is no number in 0.8A, there should be no number written here.

0.8D Mobile Network 2: _____

0.9 Interviewer Name: _____

0.10A Date of visit 1: Day

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 Month

--	--

 Year

--	--	--	--

0.10B Start Time 1 : Hour

--	--

 Min

--	--

0.10C End Time 1: Hour

--	--

 Min

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Note: If it takes more than one visit to finish surveying the household, please record the time of second visit on the following page.

0.11A	Date of visit 2:	Day	<input type="text"/>	<input type="text"/>	Month	<input type="text"/>	<input type="text"/>	Year	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.11B	Start Time 2 :	Hour	<input type="text"/>	<input type="text"/>	Min	<input type="text"/>	<input type="text"/>					
0.11C	End Time 2:	Hour	<input type="text"/>	<input type="text"/>	Min	<input type="text"/>	<input type="text"/>					
INTERVIEWER: COMPLETE AFTER FINISHING THE MODULE												
0,13	COMPLETED:	YES.....1										
		NO.....2										

COMPLETE AFTER FINISHING THE MODULE												
SCRUTINIZED BY (Name of supervisor) _____												
Date:		Day	<input type="text"/>	<input type="text"/>	Month	<input type="text"/>	<input type="text"/>					
SCRUTINIZED BY (Name of monitor) _____												
Date:		Day	<input type="text"/>	<input type="text"/>	Month	<input type="text"/>	<input type="text"/>					
BACKCHECKED BY (Name of supervisor) _____												
Date:		Day	<input type="text"/>	<input type="text"/>	Month	<input type="text"/>	<input type="text"/>					
BACKCHECKED BY (Name of monitor) _____												
Date:		Day	<input type="text"/>	<input type="text"/>	Month	<input type="text"/>	<input type="text"/>					

SECTION A: HOUSEHOLD INFORMATION					
INTERVIEWER: To begin, we will ask you some basic questions about you and your household.					
A0. BASIC HOUSEHOLD INFORMATION					
A0.1	What is the name of the head of the household?				
A0.2	What is the age of the head of the household?	AGE			
		AGE RANGE			
		DON'T KNOW		999	
A0.3	Is this person male or female?	MALE		1	
		FEMALE		2	
A0.4	Who is the person who makes all the agricultural decisions?				
INTERVIEWER CHECKPOINT: FOR THIS MODULE INTERVIEW THE PERSON WHO MAKES ALL DECISIONS RELATED TO AGRICULTURE.					
A0.5	Name of the respondent NOTE: Match name in A0.4.				
A0.6	Are you the head of the household?	YES		1	→A0.8
		NO		2	
A0.7	Relationship to the head of the household	SPOUSE / PARTNER		2	
		SON / DAUGHTER		3	
		SON-IN-LAW / DAUGHTER-IN-LAW		4	
		STEPSON / STEPDAUGHTER		5	
		GRANDCHILD		6	
		BROTHER / SISTER		7	
		BROTHER-IN-LAW / SISTER-IN- LAW		8	
		FATHER / MOTHER		9	
		FATHER-IN-LAW / MOTHER-IN-LAW		10	
		OTHER FAMILY (SPECIFY)		11	
		OTHER (SPECIFY)		888	
A0.8	INTERVIEWER CHECKPOINT: Is the respondent male or female?	MALE		1	
		FEMALE		2	
A0.9	How many people are in this household?				
	READOUT: By that I mean all people, including children, who 1) live under this "roof" or within the same house at least 30 days in the past year, and 2) when they are together , they share food.				
A.10	To which religion does the respondent belong?	HINDU.....1		WILL NOT SAY.....4	
		MUSLIM.....2		OTHER (Specify).....5	
		CHRISTIAN.....3			
A0.11	To which caste does the head of this household belong? (CIRCLE ALL THAT APPLY.)	SCHEDULED CASTE		1	
		SCHEDULED TRIBE		2	
		OBC		3	
		GENERAL		4	
		OTHER MINORITY		5	
		OTHER (Specify)		888	

		DON'T KNOW/WILL NOT SAY	999

A1. HOUSEHOLD ROSTER

INTERVIEWER CHECKPOINT: ASK THE FOLLOWING QUESTIONS FOR THE MAIN RESPONDENT (I.E. THE AGRICULTURAL DECISION MAKER).

A1.1	How old are you now?	AGE		
		AGE RANGE		
		DON'T KNOW	999	
A1.2	Can you read and write?	READ ONLY	1	
		WRITE ONLY	2	
		READ AND WRITE	3	
		NEITHER READ NOR WRITE	4	
A1.3	What is the highest education level of education you have received?	CLASS 1	1	
		CLASS 2	2	
		CLASS 3	3	
		CLASS 4	4	
		CLASS 5	5	
		CLASS 6	6	
		CLASS 7	7	
		CLASS 8	8	
		CLASS 9	9	
		CLASS 10	10	
		CLASS 11	11	
		CLASS 12	12	
		GRADUATE AND ABOVE	13	
		OTHER DIPLOMA	14	
		DID NOT COMPLETE CLASS 1	15	
		NEVER ATTENDED SCHOOL	16	
		OTHER (specify)	888	
A1.4	What is your main occupation? (ONLY ONE ANSWER)	OWN FARM ACTIVITIES (inc. MILK SALES)	1	
		AGRICULTURAL LABORER	2	
		CASUAL LABOUR, NONAGRICULTURE	3	
		SALARIED EMPLOYMENT	4	
		PETTY BUSINESS/TRADE/MANF	5	
		UNEMPLOYED	6	
		STUDENT	7	
		DOMESTIC DUTIES ONLY	8	
		RETIRED/TOO OLD	9	
		DISABLED/HANDICAPPED	10	
		NOT WORKING / TOO YOUNG	11	
		OTHER (Specify)	888	
A1.5	How many people in this household are literate?			

A1.6	How many people in this household are female, above 14?				
A1.7	How many people in this household are under 14?				
A1.8	Are you a member of any committees/self help groups in the village?	YES		1	
		NO		2	
		DON'T KNOW		999	
A1.9	Do you hold or have held in the past any position of authority?	YES		1	
		NO		2	→ A2.1
		DON'T KNOW		999	→ A2.1
A1.10	Which positions have you held (hold)?	LOCAL PANCHAYAT MEMBER		1	
		GP PRADHAN		2	
		HIGHER PANCHAYAT MEMBER (TALUKA/ZILLA)		3	
		OTHER (specify)		888	
		DON'T KNOW		999	
A2. HOUSEHOLD WEALTH					
	INTERVIEWER READOUT: Now, we would like to ask you some questions about you family's assets.				
A2.1	How many years have you been living in this house?				
A2.2	INTERVIEWER CHECKPOINT: Record the type of wall in the house.	MUD		1	
		STONE		2	
		BRICK		3	
		OTHER (Specify)		888	
A2.3	INTERVIEWER CHECKPOINT: Record the type of roof in the house.	THATCH		1	
		TIN		2	
		TILE		3	
		CONCRETE		4	
		OTHER (Specify)		888	
A2.4	How many rooms does your house have (excluding the toilet)?				
A2.5	Does your house have electricity?	YES		1	
		NO		2	
A2.6	Do you have irrigation facilities available for your farming?	YES		1	
		NO		2	
A2.7	What type of irrigation facility is available? (INTERVIEWER: Multiple answers possible.) (1 = YES, 2 = NO)	Drip irrigation		1	2
		Canal irrigation		1	2
		Flood Irrigation		1	2
		Well		1	2
		OTHER (specify)		888	
A2.8	Please tell me whether you house has the following items:	YES	NO	If yes, how many?	

	1. Black and white TV set	1	2		
	2. Colour TV set	1	2		
	3. VCR/VCD/CD Player	1	2		
	4. Radio, transistor or stereo	1	2		
	5. Bullock cart	1	2		
	6. Thresher	1	2		
	7. Tractor	1	2		
	8. Well/Tubewell	1	2		
	9. Grain storage can	1	2		
	10. Spraying pump (Record pump capacity.)	1	2		
	11. Motorcycle/Moped/Scooter	1	2		
	12. Car or jeep or auto	1	2		
	13. Sewing machine	1	2		
	14. Chair/stool	1	2		
	15. Bed	1	2		
	16. Clock or watch	1	2		
	17a. Wedding ornament (silver)	1	2	Grams	
	17b. Wedding ornament (gold)	1	2	Grams	
	18. Other Jewelry (silver)	1	2	Grams	
	19. Other Jewelry (gold)	1	2	Grams	
	20. Stove- electric, gas or kerosene	1	2		
21. Stove- coal, wood (primus)	1	2			
A2.9	Does your household own any livestock, cattle, birds, etc.?	YES			1
		NO			2 → A3
		DO NOT KNOW			999 → A3
	How many of the following does your household own?	A. No. of adults		B. No. of young	
A2.10	Sheep				
A2.11	Goats				
A2.12	Camels				
A2.13	Horses, mule, donkeys				
A2.14	Cows				
A2.15	Bullocks				
A2.16	Buffaloes				
A2.17	Oxen				
A2.18	Birds				
A2.19	Other (specify)				
A3. HOUSEHOLD INCOME					
A3.1	From which sources did you make money in the last TWELVE months? How much?				
	NOTE: Record whether respondent is giving income (I) or profit (P).				
		YES	NO	If yes, how much?	I=1, P=2
	1. Agriculture- own cultivation	1	2	Rs.	1 2
	2. Agricultural labour	1	2	Rs.	1 2
	3. Own farm enterprise (inc. milk sales)	1	2	Rs.	1 2
	4. Casual Labour	1	2	Rs.	1 2
5. Regular wage/salary	1	2	Rs.	1 2	

	6. Non-agri. enterprise (tea shop, etc)	1	2	Rs.	1	2
	7. Rent	1	2	Rs.	1	2
	8. Employment Generation Schemes	1	2	Rs.	1	2
	9. Remittances	1	2	Rs.	1	2
	10. Interests and Dividends	1	2	Rs.	1	2
	11. Pension	1	2	Rs.	1	2
	12. Other (specify)	1	2	Rs.	1	2

SECTION B1 - AGGREGATE LANDHOLDINGS AND CONTRACTUAL STRUCTURE

INTERVIEWER NOTE: Fill out plot table on next page until Plot Status before starting this section.

B1.1	How much land do you own in total (this includes agricultural land as well as all other land)?	Area		Unit			
				a	b	g	
		1. Yes	If yes,				
		2. No	No of plots	Area	Unit		
B1.2	Do you presently own any cultivable land?	1	2		a	b	g
B1.3	Did you own cultivable land last Kharif (2010)?	1	2		a	b	g
							→ If no, then B1.5
B1.4	During the Last Kharif did you :	1. Yes	No of plots		Area	Unit	If yes: How much did you earn from
		2. No					
	1. Rent out any land?	1	2		a	b	g
							Rs.
	2. Have someone sharecrop on your land?	1	2		a	b	g
							Rs.(received).....Share of Output (received) 1/4, 1/2, 2/3, 3/4 other [specify]
	3. Pawn out any land?	1	2		a	b	g
							Rs.(received) Item received
B1.5	During the Last Kharif did you :	1. Yes	No of plots		Area	Unit	If yes: How much did you earn from
		2. No					
	1. Rent in any land?	1	2		a	b	g
							Rs.
	2. Sharecrop on someone's land?				a	b	g
							Rs.(paid).....Shar e of Output (paid) 1/4, 1/2, 2/3, 3/4 other [specify]
		1	2				
	3. Pawn in any land?				a	b	g
							Rs.(paid) Item paid
		1	2				
B1.6	During the last Kharif, did you leave any of your own land fallow?	1	2		a	b	g

SECTION B2. HOUSEHOLD LANDHOLDINGS AND PLOT DETAILS

		Name	Code
B2.0	Besides cotton & wheat, what is your most important crop?		

Crop Codes

- 2 - Castor 5 - Vegetables
 3 - Sesame 6 - Cumin
 4 - Pulses 888 - Other (specify)

B2.1 Plot Table

INTERVIEWER CHECKPOINT: Please ask following questions for all plots the respondent owned and farmed (i.e. rented in, sharecropped or pawned in) during the Last Kharif (2010) and the Last Rabi (2010-11). Once you reach Plot Status [D], return to Section B1.

Plot No	Address/Marker	Area [A]		Plot Status Kharif 2010 [C]	Plot Status Rabi 2010 [D]	If grown, record acreage			Rainfed - 1 / Irrigated - 2 [G1]	Irrigation Cost [G2]	Plot-wise Aggregate Input Expenditure		
		Size	Unit (A,B,G)			Cotton [D]	Wheat [E]	B2.0 [F]			Pesticides [H]	Fertilizer [I]	Seeds [J]
1									1 2				
2									1 2				
3									1 2				
4									1 2				
5									1 2				
6									1 2				
7									1 2				
8									1 2				
9									1 2				
10									1 2				
B2.2		Total area of all plots (Add values in grey size boxes)			Unit (A,B,G,O)								

INTERVIEWER CHECKPOINT: B2.2 = B1.3 + B1.51 + B1.52 + B1.53 + B1.6?

YES	1
NO	2
If not, Why?	

SECTION H. HARVEST

INTERVIEWER READOUT: Now we will ask you about the crops you grew during last Kharif or Rabi and your market opportunities for these crops.

H 1.0 Did you grow the any of the following crops in the LAST KHARIF (2010) OR LAST RABI (2011)?

Crop [A]	Cult.? [B]	Date of Sowing (mm/yy) [C]	Date of Sale (mm/yy) [D]	Qty. Harvested [E]	Unit [F] maund-1, kilo-2, 3- quintal, 4-pula	Price per unit [G]	Total Value of Output [H]	For Cons [I]	For Sale [J]
1 Cotton	1 2		1. 2.		1 2 3 4			1 2	1 2
2 Castor	1 2		1. 2.		1 2 3 4			1 2	1 2
3 Wheat	1 2		1. 2.		1 2 3 4			1 2	1 2
4 Cumin	1 2		1. 2.		1 2 3 4			1 2	1 2
5 Bajri	1 2		1. 2.		1 2 3 4			1 2	1 2
6 Jowar	1 2		1. 2.		1 2 3 4			1 2	1 2
7 Tobacco	1 2		1. 2.		1 2 3 4			1 2	1 2
8 Rice	1 2		1. 2.		1 2 3 4			1 2	1 2
9 Sesame	1 2		1. 2.		1 2 3 4			1 2	1 2
10 Pulses	1 2		1. 2.		1 2 3 4			1 2	1 2
11 Vegetables	1 2		1. 2.		1 2 3 4			1 2	1 2
12 Other 1			1. 2.		1 2 3 4			1 2	1 2
13 Other 2			1. 2.		1 2 3 4			1 2	1 2

SECTION K1: AGRICULTURAL INFORMATION

INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in these sections as an option.

INTERVIEWER NOTE: Use the ladder scale provided to rate trust in information sources. A rating of 1 means least trustworthy whereas a rating of 10 means most trustworthy.

Frequency Code

1 - Once a week	5 - Twice a month
2 - Twice a week	6 - Once a month
3 - More than four times a week	888 - Other
4 - More than twice a month	999 - Do not know

K1. SOURCES

K1.1	Have you ever received agricultural advice from a government extension worker?	YES		1	
		NO		2	→K1.3
K1.2	How many times in the last year were you visited by a government extension worker?				
K1.3	What sources of information do you use to make agricultural decisions? (NOTE: Ask respondent about every source.)	Yes - 1, No - 2	Trust in Source (Use ladder.)	Frequency Code (at start of section)	
	1. Past experience	1 2			
	2. TV program	1 2			
		Name _____			
	3. Cell phone based information	1 2			
		Name _____			
	4. Newspaper / magazines	1 2			
		Name _____			
	5. Government extension worker	1 2			
	6. NGO	1 2			
		Name _____			
	7. Other farmers	1 2			
	8. Agro shop	1 2			
	9. Trader / Commission Agent	1 2			
	888. Other	Specify _____			
K1.4	Of these sources in K1.3, what are your top two sources for agricultural information? (READOUT: these can be media or persons)	Information Source	Code		
		FIRST			
		SECOND			
NOW WE WILL GET MORE SPECIFIC ABOUT DIFFERENT AGRICULTURAL INFORMATION.					
K1.5	What is your most important information source regarding: (USE SOURCE CODE or options in K1.3)	TOPIC	SOURCE		
		Crop decision			
		Soil/field preparation			
		Seeds			

		Fertilizers			
		Pest identification			
		Pesticide usage			
		Irrigation			
		Weather			
		Harvesting			
		Prices			
		Storage/Selling			
		Animal Husbandry			
		Other (Specify)			
K1.6	Did you attend any agricultural training or demonstrations in the past year?	YES		1	
		If yes, how many?			
		NO		2	
K1.7	When was the last time you attended an agricultural demonstration?	MONTH:			
		YEAR:			
		NEVER		666	
K1.8	Which organization or group conducted these demonstrations or training? (CIRCLE ALL THAT APPLY- DO NOT PROMPT)	Government Krushi Mela		1 2	
		Gram Sevak		1 2	
		CMF/DSC/Sajjata Sangh/AKRSP		1 2	
		Other NGO		1 2	
		Name of NGO:			
		Agricultural University		1 2	
		Private company		1 2	
		Other		888	
K1.9	How would you rate your own knowledge about agriculture on a scale of 1 to 5, 1 being very low and 5 being very high?	Very low		1	
		Low		2	
		Medium		3	
		High		4	
		Very high		5	
K1.10	Are there aspects of your agriculture where you feel you would benefit from receiving more advice than you are currently receiving?	YES		1	
		NO		2	
		DON'T KNOW		999	

SECTION K2: NETWORKS AND INFORMATION SOURCES**INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in these sections as an option.****K2. Information Sharing and Networks**

K2.1	Do you use your cellphone to talk to or send texts to fellow farmers about agriculture?	YES			1
		NO			2
Check the names in the Friend List. Confirm with the respondent that he does not wish to change these names and then write down these names.					
K2.2	Provide the names and phone numbers of three fellow farmers you talk to MOST FREQUENTLY about agriculture. (INTERVIEWER NOTE: Please record name in the following manner: CASTE/FIRST/LAST. If the farmer does not have a number, ask whether the friend has a phone or not.)	PERSON 1:			ID:
		CELL PHONE: Y / N NO:			
		PERSON 2:			ID:
		CELL PHONE: Y / N NO:			
		PERSON 3:			ID:
		CELL PHONE: Y / N NO:			
INTERVIEWER: MATCH FRIEND NAMES WITH RESPONDENT LIST AND RECORD ID IF MATCHED.					
PERSON 1:					
K2.31.1	How often in one month do you talk to this person about agriculture?	ONCE A MONTH			1
		TWICE A MONTH			2
		MORE THAN TWICE A MONTH			3
		ONCE A WEEK			4
		TWICE A WEEK			5
		MORE THAN TWO TIMES A WEEK			6
		NOT TALKED IN THE PAST MONTH			7
K2.31.2	Is this person a village or a plot neighbour? (MULTIPLE ANSWERS POSSIBLE.)	VILLAGE NEIGHBOUR			1
		PLOT NEIGHBOUR			2
		NEITHER			3
K2.31.3	What is your relationship to this person?	Relative			4
		Farmer friend in own village			5
		Farmer friend in different village			6
		Other (specify)			888
		DON'T KNOW			999
K2.31.4	How far does this person live from you?	Neighbour			1
		0- 2 kms in same village			2
		2 - 5 kms in same village			3
		5 - 10 kms in same village			4
		In a different village			5
		Other (specify)			888
		DON'T KNOW			999
K2.31.5	How far is this person's farm from yours? (INTERVIEWER: Take that plot where the farmers meet or have the highest likelihood of meeting most frequently.)	Neighbour			1
		0- 2 kms in same village			2
		2 - 5 kms in same village			3
		5 - 10 kms in same village			4

		In a different village	5	
		Other (specify)	888	
		DON'T KNOW	999	
K2.31.6	Do you normally talk to this person about agriculture on phone or in person?	IN PERSON	1	→K2.31.8
		ON PHONE	2	
		BOTH, PHONE AND IN PERSON	3	
K2.31.7	Do you normally talk to this person about agriculture in the village or in the farm?	IN VILLAGE	1	
		IN FARM	2	
		BOTH, VILLAGE AND FARM	3	
K2.31.8	What topics do you generally discuss with this person? (MULTIPLE ANSWERS POSSIBLE.) (1 = YES, 2 = NO)	Crop decision	1 2	
		Field/soil preparation	1 2	
		Seeds	1 2	
		Fertilizers	1 2	
		Pest and disease identification	1 2	
		Pesticides and Fungicides	1 2	
		Irrigation	1 2	
		Weather	1 2	
		Harvesting	1 2	
		Prices	1 2	
		Storage/Selling	1 2	
		Animal Husbandry	1 2	
		DID NOT TALK	666	
		Other (specify)	888	
		DON'T KNOW	999	
NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE.				
K2.31.9	DID this friend grow cotton during Kharif 2010? If	YES	1	→K2.31.11
		NO	2	
		DON'T KNOW	999	
K2.31.10	What was the variety of cotton?			
		DON'T KNOW	999	
K2.31.11	Have you ever used an input at the recommendation of this friend?	YES	1	→K2.31.13
		NO	2	
		DON'T KNOW	999	
K2.31.12	What were these inputs? (MULTIPLE ANSWERS POSSIBLE) (1 = YES, 2 = NO)	Chemical Fertilizer	1 2	
		Name:		
		Pesticide	1 2	
		Name:		
		Different seed variety	1 2	
		Name:		
		Other (Please specify)	888	
DON'T KNOW	999			

K2.31.13	How would you rate this person's knowledge about agriculture on a scale of 1 to 5, 1 being very low and 5 being very high?	Very low	1	
		Low	2	
		Medium	3	
		High	4	
		Very high	5	
PERSON 2:				
K2.32.1	How often in one month do you talk to this person about agriculture?	ONCE A MONTH	1	
		TWICE A MONTH	2	
		MORE THAN TWO TIMES A WEEK	3	
		ONCE A WEEK	4	
		TWICE A WEEK	5	
		MORE THAN TWO TIMES A WEEK	6	
		NOT TALKED IN THE PAST MONTH	7	
K2.32.2	Is this person a village or a plot neighbour? (MULTIPLE ANSWERS POSSIBLE)	VILLAGE NEIGHBOUR	1	
		PLOT NEIGHBOUR	2	
		NEITHER	3	
K2.32.3	What is your relationship to this person?	Relative	4	
		Farmer friend in own village	5	
		Farmer friend in different village	6	
		Other (specify)	888	
		DON'T KNOW	999	
K2.32.4	How far does this person live from you?	Neighbour	1	
		0- 2 kms in same village	2	
		2 - 5 kms in same village	3	
		5 - 10 kms in same village	4	
		In a different village	5	
		Other (specify)	888	
		DON'T KNOW	999	
K2.32.5	How far is this person's farm from yours? (INTERVIEWER: Take that plot where the farmers meet or have the highly likelihood of meeting most frequently.)	Neighbour	1	
		0- 2 kms in same village	2	
		2 - 5 kms in same village	3	
		5 - 10 kms in same village	4	
		In a different village	5	
		Other (specify)	888	
		DON'T KNOW	999	
K2.32.6	Do you normally talk to this person about agriculture on phone or in person?	IN PERSON	1	→K2.32.8
		ON PHONE	2	
		BOTH, PHONE AND IN PERSON	3	
K2.32.7	Do you normally talk to this person about agriculture in the village or in the farm?	IN VILLAGE	1	
		IN FARM	2	
		BOTH, VILLAGE AND FARM	3	

K2.32.8	What topics do you generally discuss with this person? (MULTIPLE ANSWERS POSSIBLE.) (1 = YES, 2 = NO)	Crop decision			1	2	
		Field/soil preparation			1	2	
		Seeds			1	2	
		Fertilizers			1	2	
		Pest and disease identification			1	2	
		Pesticides and Fungicides			1	2	
		Irrigation			1	2	
		Weather			1	2	
		Harvesting			1	2	
		Prices			1	2	
		Storage/Selling			1	2	
		Animal Husbandry			1	2	
		DID NOT TALK					666
		Other (specify)					888
		DON'T KNOW					999
NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE.							
K2.32.9	DID this friend grow cotton during Kharif 2010?	YES			1		
		NO			2		
		DON'T KNOW			999		
K2.32.10	What was the variety of cotton?						
		DON'T KNOW			999		
K2.32.11	Have you ever used an input at the recommendation of this friend?	YES			1		→K2.32.13
		NO			2		
		DON'T KNOW			999		
K2.32.12	What were these inputs? (MULTIPLE ANSWERS POSSIBLE) (1 = YES, 2 = NO)	Chemical Fertilizer			1	2	
		Name:					
		Pesticide			1	2	
		Name:					
		Different seed variety			1	2	
		Name:					
		Other (Please specify)			888		
		DON'T KNOW			999		
K2.32.13	How would you rate this person's knowledge about agriculture on a scale of 1 to 5, 1 being very low and 5 being very high?	Very low			1		
		Low			2		
		Medium			3		
		High			4		
		Very high			5		
PERSON 3							
K2.33.1	How often in one month do you talk to this person about agriculture?	ONCE A MONTH			1		
		TWICE A MONTH			2		
		MORE THAN TWO TIMES A WEEK			3		
		ONCE A WEEK			4		
		TWICE A WEEK			5		

		MORE THAN TWO TIMES A WEEK	6	
		NOT TALKED IN THE PAST MONTH	7	
K2.33.2	Is this person a village or a plot neighbour?	VILLAGE NEIGHBOUR	1	
		PLOT NEIGHBOUR	2	
		NEITHER	3	
K2.33.3	What is your relationship to this person?	Relative	4	
		Farmer friend in own village	5	
		Farmer friend in different village	6	
		Other (specify)	888	
		DON'T KNOW	999	
K2.33.4	How far does this person live from you?	Neighbour	1	
		0- 2 kms in same village	2	
		2 - 5 kms in same village	3	
		5 - 10 kms in same village	4	
		In a different village	5	
		Other (specify)	888	
		DON'T KNOW	999	
K2.33.5	How far is this person's farm from yours? (INTERVIEWER: Take that plot where the farmers meet or have the highly likelihood of meeting most frequently.)	Neighbour	1	
		0- 2 kms in same village	2	
		2 - 5 kms in same village	3	
		5 - 10 kms in same village	4	
		In a different village	5	
		Other (specify)	888	
		DON'T KNOW	999	
K2.33.6	Do you normally talk to this person about agriculture on phone or in person?	IN PERSON	1	
		ON PHONE	2	→K2.33.8
		BOTH, PHONE AND IN PERSON	3	
K2.33.7	Do you normally talk to this person about agriculture in the village or in the farm?	IN VILLAGE	1	
		IN FARM	2	
		BOTH, VILLAGE AND FARM	3	
K2.33.8	What topics do you generally discuss with this person? (MULTIPLE ANSWERS POSSIBLE.) (1 = YES, 2 = NO)	Crop decision	1	2
		Field/soil preparation	1	2
		Seeds	1	2
		Fertilizers	1	2
		Pest and disease identification	1	2
		Pesticides and Fungicides	1	2
		Irrigation	1	2
		Weather	1	2
		Harvesting	1	2
		Prices	1	2
		Storage/Selling	1	2

SECTION D: KNOWLEDGE INDEX				
	INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in these sections as an option.			
	These questions all have ONE ANSWER ONLY unless otherwise stated.			
	INTERVIEWER READOUT: We will now ask you some questions about agriculture.			
	The first set of questions will be general in nature, while the second set of questions will be specific to crops. Answer to the best of your knowledge.			
D1. General				
D1.1a	Do you know about the Soil Health Card (SHC)?	YES	1	
		NO	2	
D1.1k	What can you add to the soil to improve its structure?	FYM/Compost/Organic Matter	1	
		Sand-Mud	2	
		Other (specify)	888	
		DON'T KNOW	999	
D1.2a	Do you know what UREA is?	YES	1	
		NO	2	→D1.3a
D1.2k	Which essential plant nutrients does UREA contain? (MULTIPLE ANSWERS POSSIBLE)	Nitrogen	1	
		Phosphorus	2	
		Potash	3	
		Other	888	
		DON'T KNOW	999	
D1.3a	Do you know about green manuring?	YES	1	
		NO	2	
D1.4a	Do you know about farm yard manure (FYM)?	YES	1	
		NO	2	
D1.5a	Do you know what intercropping is?	YES	1	
		NO	2	
D1.3k	Which is the BEST fertilizer for adding phosphorus in the soil?	DAP/SSP	1	
		12-32-16, 20-20-20 grade	2	
		Other	888	
		DON'T KNOW	999	
D1.4k	Which is the BEST fertilizer for adding Potash in the soil?	Murate of Potash (MoP)/Sulphate of Potash	1	
		12-32-16, 20-20-20 grade	2	
		Other	888	
		DON'T KNOW	999	
D1.5k	Which is the BEST fertilizer for adding sulphur in the soil?	Ammonium Sulphate/SSP/Gypsum/Chirodi	1	
		Sulphur Fertilizer	2	
		Other	888	
		DON'T KNOW	999	

D2. Crop-Specific Knowledge Questions

NOW WE WILL ASK YOU QUESTIONS ABOUT THE BEST AGRICULTURAL PRACTICES OF COTTON AND/ OR CASTOR. PLEASE ANSWER THESE TO THE BEST OF YOUR KNOWLEDGE.			
	INTERVIEWER CHECKPOINT: Does this farmer grow cotton?	YES	1
		NO	2 →D22
D21. COTTON			
D21.1a	How is Bt cotton different from other cotton seeds?	Pest-resistant	1
		Faster growth	2
		Cheaper seeds	3
		Not different	4
		Other	888
		DON'T KNOW	999
D21.1k	To what is Bt cotton resistant?	Cotton Boll worms	1
		Most pests and diseases	2
		All pests and diseases	3
		Other	888
		DON'T KNOW	999
D21.2a	Should you apply seed treatment to Bt cotton seeds?	YES	1
		NO	2 →D21.3a
		DON'T KNOW	999 →D21.3a
D21.2k	Which is the BEST pesticide that can be used for seed treatment?	Imida (Gaucho)	1
		Other (specify)	888
		DON'T KNOW	999
D21.3a	Do you know what a pheromone trap is?	YES	1
		NO	2 →D21.4k
D21.3k	What is the use of the pheromone trap in agriculture?	Pest Control	1
		Other	888
		DON'T KNOW	999
D21.4k	Red or yellow leaves of cotton signals the deficiency of what nutrient?	Nitrogen / Magnesium	1
		Other (specify)	888
		DON'T KNOW	999
D21.5k	What is the ETL of Spotted ballworm? (INTERVIEWER NOTE: Make sure the respondent understands ETL. Explain it as the level after which the respondent sprays pesticides.)	5% damage of fruit bodies/1 larvae per plant	1
		Other (specify)	888
		DON'T KNOW	999
D21.6k	What is the ETL of Asphid?	10 % affected plants - random	1
		Other (specify)	888
		DON'T KNOW	999
D21.7k	White fly can be BEST controlled by by spraying which pesticide?	Triazophos/ Acephat	1
		Other (specify)	888

		DON'T KNOW	999	
D21.8k	Red fly can be BEST controlled by spraying which pesticide?	Dicofol	1	
		Other	888	
		DON'T KNOW	999	
D21.9k	What is the ideal irrigation interval in cotton?	7 -8 days	1	
		15 - 20 days	2	
		Other	888	
		DON'T KNOW	999	
D21.pic1	Photo 1	APHID	1	
		Other(specify)	888	
		DON'T KNOW	999	
D21.pic2	Photo 2	BOLLWORM	1	
		Other(specify)	888	
		DON'T KNOW	999	
D21.pic3	Photo 3	WILT	1	
		Other(specify)	888	
		DON'T KNOW	999	
	INTERVIEWER CHECKPOINT: Does this farmer grow wheat?	YES	1	→D23
		NO	2	
D22. WHEAT				
D22.1a	What is the optimum time of timely sowing of wheat?	10 Nov to 25 Nov	1	
		Other (specify)	888	
		Don't know	999	
D22.2a	In case of late sowing the wheat crop should be planted latest by:	10-15 December	1	
		Other (specify)	888	
		Don't know	999	
D22.3a	Which micronutrient is recommended in wheat for better quality production?	ZINC	1	
		Other (specify)	888	
		Don't know	999	
D22.4a	Which disease of wheat affect the grain quality and ultimately the price of wheat grains?	Black Point of grains	1	
		Other (specify)	888	
		Don't know	999	
D22.1k	Which variety of wheat is recommended in gujarat for late sowing?	GW 173/Lok 1/Tukdi	1	
		Other (specify)	888	
		Don't know	999	
D22.2k	What should be the optimum spacing for wheat planting?	22.5 cm	1	
		20-30cm	2	
		Other (specify)	888	
		Don't know	999	
D22.3k	What is the recommended dose of nitrogen in irrigated wheat?	120 kg /ha or 20 kg/vigha	1	
		80-150 kg/ha or 15-25 kg/vigha	2	
		Other (specify)	888	
		Don't know	999	
D22.4k	What is the recommended dose of phosphorus in irrigated wheat?	60 kg /ha or 10 kg/vigha	1	
		50-75 kg/ha or 8-12 kg/vigha	2	
		Other (specify)	888	

		Don't know	999	
D22.5k	In general, how many irrigations are required for wheat?	10-12	1	
		Other (specify)	888	
		Don't know	999	
D22.6k	Which fertilizer can we use to add Zinc micronutrient in the soil?	Zinc Sulphate	1	
		Micro Nutrient Fertilizer	2	
		Other (specify)	888	
		Don't know	999	
D22.pic1	Photo 1	RUST	1	
		Other(specify)	888	
		DON'T KNOW	999	
D22.pic2	Photo 2	LOOSE SMUT	1	
		Other(specify)	888	
		DON'T KNOW	999	
D22.pic3	Photo 3	TERMITE/ TERMITE DAMAGE	1	
		Other(specify)	888	
		DON'T KNOW	999	

	INTERVIEWER CHECKPOINT: Does this farmer grow cumin?	YES	1	→C1
		NO	2	
D23.CUMIN				
D23.1a	Which are the newly recommended varieties of Cumin resistant to wilt?	GC 3/ GC 4	1	
		Other	888	
		Don't know	999	
D23.2a	What is the best time for sowing Cumin?	First week of November	1	
		Other	888	
		Don't know	999	
D23.3a	During cloudy weather, should irrigation be avoided?	Yes	1	
		No	888	
		Don't know	999	
D23.1k	What is the recommended seed rate of Cumin?	12-15 kg/ha or 2-2.5 kg/Vigha	1	
		Other (specify)	888	
		Don't know	999	
D23.2k	What is the recommended spacing for line sowing of Cumin?	25-35 cm	1	
		Other (specify)	888	
		Don't know	999	
D23.3k	What is the recommended dose of Nitrogen for cumin?	30 kg/ha or 5 kg/vigha	1	
		Other (specify)	888	
		Don't know	999	
D23.4k	How many times is nitrogen application recommended?	2 times	1	
		Other (specify)	888	
		Don't know	999	
D23.5k	How many irrigations are required for getting maximum yield of Cumin?	5-6 Irrigation	1	
		Other (specify)	888	
		Don't know	999	
D23.6k	Application of which fungicide is recommended	Mancozeb/Hexaconazole/Contaf/Sharp	1	

	after 30 DAS for prevent the cumin from Alternaria Blight?	Carbendazim	2	
		Other	888	
		Don't know	999	
D23.7k	Application of which fungicide is recommended for effective control of important disease Powdary Mildew?	Sulphur/Dinocap	1	
		Other	888	
		Don't know	999	
D23.pic1	Photo 1	BLIGHT	1	
		Other(specify)	888	
		DON'T KNOW	999	
D23.pic2	Photo 2	WILT	1	
		Other(specify)	888	
		DON'T KNOW	999	
D23.pic3	Photo 3	POWDERY MILDEW	1	
		Other(specify)	888	
		DON'T KNOW	999	

SECTION L: PREFERENCES

INTERVIEWER READOUT: We will ask you some questions that are questions about what you would do in certain circumstances. To compensate you for participating, and to further understand your decisions, we will play "games", in which you will have the chance to earn additional topups. Please pay careful attention, and ask if a question is not clear.				
L1.1	Consider a game of chance, in which you will flip a coin getting HEADS or TAILS. If you draw HEADS, you will be paid Rs. 10. If you draw TAILS, you will not be paid anything. You have the following choice: You can't play this game and win Rs. 8, or you can choose to play the game, winning Rs. 10 with HEADS or Rs. 0 with TAILS. Which option would you prefer?	Rs. 8 with certainty	1	
		Play gamble	2	
L1.2	INTERVIEWER CHECKPOINT: ASK RESPONDENT TO FLIP COIN AND RECORD OUTCOME. IF HEADS, RECORD AND GIVE TOP-UP AT THE END OF THE DAY.	HEADS	1	
		TAILS	2	
INTERVIEWER READOUT: We will now ask you to choose from 8 different possibilities. The possibilities involve monetary payouts again based on a coin. Please select which game you find most attractive. We will then toss a coin and pay you the amount in topups at the end of the day. Do you understand? INTERVIEWER CHECKPOINT: Make sure respondent understands. Be sure to use the picture.				
	Option A: Rs. 25 for heads, Rs. 25 for tails			
	Option B: Rs. 22 for heads, Rs. 47 for tails			
	Option C: Rs. 20 for heads, Rs. 60 for tails			
	Option D: Rs. 17 for heads, Rs. 63 for tails			
	Option E: Rs. 15 for heads, Rs. 75 for tails			
	Option F: Rs. 10 for heads, Rs. 80 for tails			
	Option G: Rs. 5 for heads, Rs. 95 for tails			
	Option H: Rs. 0 for heads, Rs. 100 for tails			
L1.3	Which lottery do you choose?	A	1	
		B	2	
		C	3	
		D	4	
		E	5	
		F	6	
		G	7	
		H	8	
L1.4	INTERVIEWER: Ask respondent to flip the coin and record outcome. Disburse this topup at the end of the day.	HEADS	1	
		TAILS	2	
		Rs. Disbursed _____		
TOTAL TOPUP AMOUNT: L1.1 + L1.4 = _____				
INTERVIEWER READOUT: Now we will give you some general statements and you have to tell us whether you strongly agree, agree, disagree or strongly disagree with them.				
L1.5	Relative to other people, I am willing to take risks in my life.	STRONGLY AGREE	1	
		AGREE	2	
		DISAGREE	3	

		STRONGLY DISAGREE	4	
	Suppose you want to invest some money. You have a choice between two options			
	Option A: Investing in a business that is safe but has low profits.			
	Option B: Investing in a business that is less safe but potentially has very high profits.			
L1.6	Which option do you choose?	Option A	1	
		Option B	2	
		NO PREFERENCE	3	
L1.7	If I get money, I tend to spend it too quickly.	STRONGLY AGREE	1	→ L1.7
		AGREE	2	→ L1.7
		DISAGREE	3	→ L1.8
		STRONGLY DISAGREE	4	→ L1.8
L1.8	I, therefore, put most of my money into a safe place in order to avoid spending it too quickly.	STRONGLY AGREE	1	
		AGREE	2	
		DISAGREE	3	
		STRONGLY DISAGREE	4	
L1.9	I am not skeptical of new technology. (I.e. I trust new technology.)	STRONGLY AGREE	1	
		AGREE	2	
		DISAGREE	3	
		STRONGLY DISAGREE	4	
L1.10	I would try new agricultural technology without reference from an experienced farmer or other farmer friends.	STRONGLY AGREE	1	
		AGREE	2	
		DISAGREE	3	
		STRONGLY DISAGREE	4	
	INTERVIEWER READOUT: We will now ask you six more questions on your preferences. These questions will ask you whether you would like to receive a sum of money today or a month from today. These questions are hypothetical and will not win you any money.			
L2.0	Would you prefer to receive Rs 80 today, or Rs 70 a month from today?	Rs 80 Today	1	
		Rs 70 Next month	2	
		DON'T KNOW	999	
L2.1	Would you prefer to receive Rs 80 today, or Rs 80 one month from today?	Rs 80 Today	1	
		Rs 80 Next month	2	
		DON'T KNOW	999	
L2.2	Would you prefer to receive Rs 80 today, or Rs 90 one month from today?	Rs 80 Today	1	
		Rs 90 Next month	2	
		DON'T KNOW	999	
L2.3	Would you prefer to receive Rs 80 today, or Rs 100 a month from today?	Rs 80 Today	1	
		Rs 100 Next month	2	
		DON'T KNOW	999	
L2.4	Would you prefer to receive Rs 80 today, or Rs 110 one month from today?	Rs 80 Today	1	
		Rs 110 Next month	2	
		DON'T KNOW	999	
L2.5	Would you prefer to receive Rs 80 today, or Rs 120 one month from today?	Rs 80 Today	1	
		Rs 120 Next month	2	
		DON'T KNOW	999	

SECTION C1: AGRICULTURAL PRACTICES - COTTON

INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in these sections as an option.

INTERVIEWER READOUT: Now we will ask you about your practices related to cotton for last Kharif.

Remember that we would like information from your last cotton crop not for the upcoming Kharif.

C1. COTTON (General)

C1.1	Do you solicit or receive any advice on planting of cotton?	YES	1	
		NO	2	→C1.3
C1.2	Who or what were the TWO most important sources?	FIRST		
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND		
C1.3	Did you plant cotton last Kharif?	YES	1	
		NO	0	→ C2
C1.4	How long have you been cultivating cotton?	_____ Years _____ Months		
C1.5	What was the total area you planted?		ACRE	
			BIGHA	
			GUNTHA	
C1.6	Do you treat your soil before planting?	YES	1	
		NO	2	→C1.9
C1.7	How did you treat your soil last Kharif?	Added organic manure	1	2
	(CIRCLE ALL THAT APPLY)	Cleaned the soil from last harvest	1	2
	(1 = Yes, 2 = No)	Ploughing	1	2
		Leveling the soil as per crop	1	2
		Other (specify)	888	
C1.8	What were the labour costs for land preparation in Kharif 2010, not including application of fertilizer?	Household labour		
			# of workers	
			DAYS	
			Total Labour Days	
		Hired Labour		
			# of workers	
			DAYS	
			Total Labour Days	
			Daily wage	
			Total Labour Cost	
		Tractor/Bullock		
			Total Cost	
			Total hours or vigha	
			Rs/hr or rs/vigha	
C1.9	Did you irrigate your cotton crop last Kharif?	YES	1	
		NO	2	→C1.12
C1.10	How many times did you irrigate your cotton crop last Kharif?			
C1.11	What was the cost per irrigation or	TOTAL COST	Rs.	

	total cost of irrigation for last Kharif?	COST PER IRRIGATION	Rs.	
		DIESEL	Rs.	
		ELECTRICITY BILL	Rs.	
C1.12	Did you intercrop with cotton last Kharif?	YES		1
		NO		2
INTERVIEWER READOUT: NOW, WE WILL ASK YOU DETAILED QUESTIONS ABOUT YOUR FARMING PRACTICES, FROM SEED TO FERTILIZER TO PESTICIDE USAGE.				
S1. Seeds				
S1.0	Did you make the decisions on which variety of cotton seed to use?	YES		1
		NO		2 →S1.2
S1.1	If yes, what was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)	Low Price		1 →S1.3
		Pest Resistance		2 →S1.3
		Safe Yield		3 →S1.3
		High Yield		4 →S1.3
		Few Input Requirements		5 →S1.3
		Water requirements		6 →S1.3
		What farmer friends use		7 →S1.3
		Availability		8 →S1.3
		Soil fertility		9 →S1.3
		General advice (specify source)		10 →S1.3
				→S1.3
		Other (specify)	888	→S1.3
				→S1.3
		Don't know	999	→S1.3
S1.2	If not, who made the decision?	Use codes from A.07		
		Other (specify)	888	
S1.3	Did you solicit or receive any advice on seeds related to cotton?	YES		1
		NO		2 →S1.5
S1.4	Who or what were the TWO most important sources?	FIRST		
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND		
S1.5	Did you purchase cotton seeds last Kharif or reuse old seeds?	PURCHASE		1
		REUSE		2 →S1.7
		BOTH		3
S1.6	What seeds did you purchase? How many kilograms or packets of seeds did you purchase? What was the price? (INTERVIEWER: use code below)	SEED 1:		
	1. Vikram-5			KGS
				price/ kg
				PACKETS
				price/ pkt

	2. Rasi-2	SEED 2:		
	3. Ajit-2			KGS
	888. Other, (specify)			price/ kg
				PACKETS
				price/ pkt
		SEED 3:		
				KGS
				price/ kg
				PACKETS
				price/ pkt
S1.7	What are the names of the seed you used?	1. SEED NAME:		
	Are they hybrid or desi? And, what quantity did you use for each seed? (INTERVIEWER: Use code below.)	HYBRID/BT		1
		DESI		2
		QUANTITY USED:		
	1. Vikram-5			KGS
	2. Rasi-2			PACKETS
	3. Ajit-2	2. SEED NAME:		
	888. Other, (specify)	HYBRID/BT		1
		DESI		2
		QUANTITY USED:		
				KGS
				PACKETS
		3. SEED NAME:		
		HYBRID/BT		1
		DESI		2
		QUANTITY USED:		
				KGS
				PACKETS
S1.8	What were the labour costs for sowing cotton seeds in Kharif 2010?	Household labour		
			# of workers	
			DAYS	
			Total Labour Days	
		Hired Labour		
			# of workers	
			DAYS	
			Total Labour Days	
			Daily wage	
			Total Labour Cost	
S1.9	Did you treat your seeds before planting?	YES		1
		NO		2 →S1.11
S1.10	How did you treat your seeds? (INTERVIEWER NOTE: Find out exactly what names/brands respondent used.)	Option	Yes/ No	Specify
		A. FUNGICIDES	1 2	
		B. PESTICIDES	1 2	
		C. BIOLOGICAL METHOD	1 2	

		D. OTHER			
		D1.	1	2	
		D2.	1	2	
S1.11	At what depth did you sow the cotton seeds?			CMS	
	(INTERVIEWER: Measure using a ruler.)			FT	
				INCHES	
		DON'T KNOW		999	
S1.12	What was the spacing between the seeds in the same row?			CMS	
	(INTERVIEWER: Measure using a ruler.)			FT	
				INCHES	
		DON'T KNOW		999	
S1.13	What was the spacing between the rows?			CMS	
	(INTERVIEWER: Measure using a ruler.)			FT	
				INCHES	
		DON'T KNOW		999	

F1. Fertilizers

NOW WE WILL ASK YOU QUESTIONS ABOUT YOUR FERTILIZER USAGE IN THE LAST KHARIF. Remember these questions only pertain to your cotton crop.

F1.0	Did you solicit or receive any advice	YES	1		→F1.2
	regarding fertilizer last Kharif?	NO	2		
F1.1	Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)	FIRST			
		SECOND			
F1.2	Did you use fertilizers last Kharif with your cotton crop?	YES	1		→F1.4
		NO	2		
F1.3	Why did you not use fertilizer?	Wrong time in crop phase	1	2	→ P1
		Too expensive	1	2	→ P1
		Not useful	1	2	→ P1
		Not available	1	2	→ P1
		Bad experience	1	2	→ P1
		Don't know how	1	2	→ P1
		Other (specify)	888		→ P1
F1.4	Did you make the decisions on which fertilizers to use?	YES	1		→F1.6
		NO	2		
F1.5	If yes, what was the most important factor in determining which fertilizer you used? (CIRCLE ONLY ONE)	Low Price	1		→F1.7
		Safe Yield	2		→F1.7
		High Yield	3		→F1.7
		What farmer friends use	4		→F1.7
		Availability	5		→F1.7
		Soil fertility	6		→F1.7
		Seed variety	7		→F1.7
		General advice (specify source)	8		→F1.7
					→F1.7
	Other (specify)	888		→F1.7	

				→F1.7		
		Don't know	999	→F1.7		
F1.6	If not, who made the decision?	Use codes from A.07				
		Other (specify)	888			
F1.7	Did you purchase fertilizers or reuse from the previous year?	PURCHASE	1	→F1.9		
		REUSE	2			
		BOTH	3			
F1.8	What chemical fertilizers did you purchase?	Purchase?	Yes	Amount	Cost (Rs.)	1.
	What quantity did you purchase and what was the cost per unit?	YES = 1	NO = 2	1. kg; litre	Cost/unit	2.
				2. bags	Total	
	A. Urea	1	2	1. 2.	1. 2.	
	B. Ammonium Sulfate	1	2	1. 2.	1. 2.	
	C. DAP	1	2	1. 2.	1. 2.	
	D. Murate of Potash (MoP)	1	2	1. 2.	1. 2.	
	E. 20-20-20 N-P-K grade	1	2	1. 2.	1. 2.	
	F. OTHER (specify)					
	F1.	1. 2.			1. 2.	
	F2.	1. 2.			1. 2.	
F1.9	What chemical fertilizers did you use during the last Kharif for your cotton crop? In what quantity? (CIRCLE ALL THAT APPLY)	Fertilizer			Amount	1.
					kgs;litre	2.
					bags	
		A. Urea	1	2	1. 2.	
		B. Ammonium Sulfate	1	2	1. 2.	
		C. DAP	1	2	1. 2.	
		D. Murate of Potash (MoP)	1	2	1. 2.	
		E. 20-20-20 N-P-K grade	1	2	1. 2.	
		F. OTHER (specify)	888			
		F1.	1	2	1. 2.	
	F2.	1	2	1. 2.		
	DON'T KNOW	999				
F1.10	What were the labour costs for the application of chemical fertilizer?	Number of Applications:				
		Household labour				

	(INTERVIEWER: Remind the respondent to consider multiple applications.)			# of workers	
				DAYS	
		Total Labour Days			
		Hired Labour			
				# of workers	
				DAYS	
				Total Labour Days	
				Daily wage	
				Total Labour Cost	
F1.11	Did you use any organic fertilizers on your cotton crop last Kharif?	Yes		1	→P1
		No		2	
F1.12	What types and quantities of organic fert. Did you use last Kharif for cotton? (CIRCLE ALL THAT APPLY)	Fertilizer		AMOUNT 1. trolley, 2. kilo	
		Manure/Compost	1 2	1. 2.	
		Biofertilizer	1 2	1. 2.	
		Vermicompost	1 2	1. 2.	
		Cake	1 2	1. 2.	
		Other (specify)	888		
		DON'T KNOW	999		
F1.13	What was the labour costs for the application of organic fertilizer for cotton? (INTERVIEWER: Remind the respondent to consider multiple applications.)	Number of applications:			
		Household labour			
				# of workers	
				DAYS	
		Total Labour Days			
		Hired Labour			
				# of workers	
				DAYS	
		Total Labour Days			
		Daily wage			
		Total Labour Cost			

P1. Pesticides and Diseases

	NOW, WE WILL ASK YOU SIMILAR QUESTIONS REGARDING YOUR PESTICIDE USAGE.			
P1.0	Did you solicit or receive any advice on pesticides for cotton during Kharif 2010?	YES	1	→P1.2
		NO	2	
P1.1	Who or what were the TWO most important sources of advice?	FIRST		
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND		

P1.2	Did you use any pesticides with your cotton?	YES	1	→P1.4
		NO	2	
P1.3	Why did you not use pesticides last Kharif? (CIRCLE ALL THAT APPLY)	Due to crop conditions	1 2	→P1.7
		Too expensive	1 2	→P1.7
		Not useful	1 2	→P1.7
		Not available	1 2	→P1.7
		Bad experience	1 2	→P1.7
		Don't know how	1 2	→P1.7
		Use natural methods	1 2	→P1.7
		Not necessary	1 2	→P1.7
		Other (specify)	888	→P1.7
				→P1.7
P1.4	Did you make the decisions on which pesticides to use?	YES	1	
		NO	2	→P1.6
P1.5	If yes, aside from the type of pest or disease, what was the most important factor in determining which pesticide you used? (CIRCLE ONLY ONE)	Low Price	1	→P1.7
		Safe Yield	2	→P1.7
		High Yield	3	→P1.7
		What farmer friends use	4	→P1.7
		Availability	5	→P1.7
		Soil fertility	6	→P1.7
		Seed variety	7	→P1.7
		Health reasons	8	→P1.7
		General advice (specify source)	9	→P1.7
				→P1.7
		Other (specify)	888	→P1.7
				→P1.7
P1.6	If not, who made the decision?	Use codes from A.07		
		Other (specify)	888	
INTERVIEWER CHECKPOINT: If the respondent did not use any pesticides, only ask P1.7, P1.8, P1.9, and P1.10.				
P1.7	What are the major bollworms that attacked your crop in the last Kharif? (Interviewer: For each, write 1= Yes, 2= No) (INTERVIEWER: If A-E are all 2, then circle NONE and follow skip.)	A. Spotted bollworm	1 2	
		B. Pink bollworm	1 2	
		C. Heliothis	1 2	
		D. Prodenia	1 2	
		E. OTHER (specify)		
		E1.	1 2	
		E2.	1 2	
	NONE	555	→P1.8	
	DON'T KNOW	999		
P1.7p	Did you purchase or use a previous stock of pesticides for bollworms Kharif 2010?	PURCHASE	1	
		USE PREVIOUS STOCK	2	→P1.7t

		BOTH				3	
P1.7c	Which pesticides did you purchase? In what quantity? And what was the cost? Record total usage in parentheses.	Purchase? = 1	No =2	Yes	Amount 1. litres; kgs 2. bags	Cost (Rs.) 1. Cost/ unit 2. Total cost	
	1. Endosulphan	1	2		1. 2.	1. 2.	
	2. Quinalphos	1	2		1. 2.	1. 2.	
	3. Monocrotophos	1	2		1. 2.	1. 2.	
	4. Cypermethrin	1	2		1. 2.	1. 2.	
	5. Decamethrin	1	2		1. 2.	1. 2.	
	6. Chlorpyrithos	1	2		1. 2.	1. 2.	
	7. OTHER (Specify)						
	7a	1	2		1. 2.	1. 2.	
	7b	1	2		1. 2.	1. 2.	
P1.7t	Which pesticide did you use to treat these bollworms? In what quantity? (INTERVIEWER: Use the codes below.	Pests			Pesticide Code	Quantity applied (ml/pump)	
	Multiple answers possible. Refer to P1.7 for occurred pests.) Record total usage in parentheses.	A. Spotted ballworm			a. b.	a. b.	
		If 888,					
	1. Endosulphan	B. Pink ballworm			a. b.	a. b.	
	2. Quinalphos	If 888,					
	3. Monocrotophos	C. Helithis			a. b.	a. b.	
	4. Cypermethrin	If 888,					
	5. Fenvalrate	D. Prodenia			a. b.	a. b.	
	6. Chlorpyrithos	If 888,					
	7. NO PESTICIDE	E. Other (specify)					
	888. OTHER (Specify)	E1.			a. b.	a. b.	
	999. DON'T KNOW NAME	If 888,					
		E2.			a. b.	a. b.	
	If 888,						
P1.8	What are the major sucking pests that	A. Aphid				1	2

	attacked your crop in the last Kharif?	B. Jassid	1	2	
	(Interviewer: For each, write 1= YES, 2= NO)	C. Thrips	1	2	
	(INTERVIEWER: If A-E are all 2, then circle NONE and follow skip.)	D. White fly	1	2	
		E. Mealy Bug	1	2	
		F. OTHER (Specify)			
		F1.		1	2
		F2.		1	2
		NONE		555	→P1.9
	DON'T KNOW		999		
P1.8p	Did you purchase or use a previous stock of pesticides for sucking pests last month?	PURCHASE		1	→P1.8t
		USE PREVIOUS STOCK		2	
		BOTH		3	
P1.8c	Which pesticides did you purchase? In what quantity? And what was the cost?	Purchase Yes = 1, No =2	Amount 1. litres; kgs 2. bags	Cost (Rs.) 1. Cost/ unit 2. Total cost	
	1. Phosphamidon	1	2	1. 2.	
	2. Dimethoate	1	2	1. 2.	
	3. Imidachloprid/Confidor	1	2	1. 2.	
	4. Acetamaprid	1	2	1. 2.	
	5. Acephat	1	2	1. 2.	
	6. Dicofol	1	2	1. 2.	
	7. Other (Specify)				
	7a.	1	2	1. 2.	
	7b.	1	2	1. 2.	
P1.8t	Which pesticide did you use to treat these sucking pests? In what quantity? (INTERVIEWER: Use the codes below. Multiple answers possible.)	Pests	Pesticide Code	Quantity applied (ml/pump)	
		A. Aphid	a. b.	a. b.	
	1. Phosphamidon	If 888,			
	2. Dimethoate	B. Jassi	a. b.	a. b.	
	3. Imidachloprid/Confidor	If 888,			
	4. Acetamaprid				
	5. Acephat				
	6. Dicofol	C. Thrips	a. b.	a. b.	
7. NO PESTICIDE 888. Other (specify) 999. DON'T KNOW NAME	If 888,				

		D. White fly	a. b.	a. b.		
		If 888,				
		E. Mealy Bug	a. b.	a. b.		
		If 888,				
		F. Other pests (specify)				
		F1.	a.	b.	a. b.	
		If 888,				
		F2.	a.	b.	a. b.	
		If 888,				
P1.9	Which diseases occurred in your cotton crop last Kharif?	A. Wilt	1		2	
		B. Root Rot	1		2	
		C. Bacterial Blight	1		2	
		D. Leaf Spot	1		2	
		E. Other (Specify)			888	
		E1.				
		E2.				
		NONE			555	
		DON'T KNOW			999	
P1.9t	What fungicide or other methods did you use to treat or control that disease? (INTERVIEWER: Record names/ brands when "specify" mentioned in code.) 1. Fungicide Spray (specify) 2. Drenching of Fungicide (Specify) 3. Destruction of Infected Debris 4. Uprooted the infected Plant 888. Other (Specify) 999. DON'T KNOW	Disease	Method code	Details		
		A. Wilt	a.	b.	a. b.	
		B. Root Rot	a.	b.	a. b.	
		C. Bacterial Blight	a.	b.	a. b.	
		D. Leaf Spot	a.	b.	a. b.	
		E. Other (Specify)				
		E1.	a.	b.	a. b.	
		E2.	a.	b.	a. b.	
		P1.9c	What was the total cost of application to treat these fungal diseases?	Disease	Total Cost	
A. Wilt						
B. Root Rot						
C. Bacterial Blight						
D. Leaf Spot						
E. Other (Specify)						
E1.						

→P1.10

		E2.		
P1.10	Have you applied any bio-control methods to control pests or diseases last month?	YES		1
		NO		2 →P1.11
		DON'T KNOW		999
P1.10t	What biological method have you used? (CIRCLE ALL THAT APPLY)	A. Installation of pheromone trap	1	2
		B. Release of Chrysoperla	1	2
		C. Spraying of Neem form or Neem seed kernel suspension	1	2
		D. Release of Trichogramma	1	2
		E. Spraying of HNPV/SNPV	1	2
		F. Hand collection of eggs and larva	1	2
		G. Installation of Sticky cards (yellow/blue)	1	2
		H. Grew Cage Crops	1	2
		Other (specify)		888
		DON'T KNOW		999
P1.10c	What was the cost of Bio-control last Kharif?	TOTAL COST		
P1.11	What was the TOTAL labour costs for the application of pesticides and fungicides last Kharif? (INTERVIEWER: Remind respondent of multiple applications, and for all listed bollworms, sucking pests and diseases.)	Number of applications:		
		Household labour		
				# of workers
				DAYS
				Total labour days
		Hired Labour		
				# of workers
				DAYS
				Total labour days
				Daily wage
		Total labour cost		

SECTION C2: AGRICULTURAL PRACTICES- WHEAT**INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in these sections as an option.****INTERVIEWER READOUT: Now we will ask you about your practices related to Wheat for last Rabi.**

C2. WHEAT (General)				
C2.1	Do you solicit or receive any advice on planting of wheat?	YES		1
		NO		2 →C2.3
C2.2	Who or what were the TWO most important sources?	FIRST		
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND		
C2.3	Did you plant Wheat last Rabi?	YES		1
		NO		2 → C3
C2.4	How long have you been cultivating wheat?	_____ Years _____ Months		
C2.5	What was the total area you planted?			ACRE
				BIGHA
				GUNTHA
C2.6	Do you treat your soil before planting?	YES		1
		NO		2 →C2.9
C2.7	How did you treat your soil before planting of wheat? (CIRCLE ALL THAT APPLY)	Added organic manure	1	2
		Cleaned the soil from last harvest	1	2
		Ploughing	1	2
		Levelling the soil as per crop	1	2
		Prepares Irrigattion bed/furrows	1	2
		Other (specify)		888
C1.8	What were the labour costs for land preparation in Rabi 2010-11, not including application of fertilizer?	Household labour		
			# of workers	
			DAYS	
			Total Labour Days	
		Hired Labour		
			# of workers	
			DAYS	
			Total Labour Days	
			Daily wage	
			Total Labour Cost	
		Tractor/Bullock		
			Total Cost	
	Total hours or vigha			
	Rs/hr or rs/vigha			
C2.9	Have you grown Irrigated wheat or Un-irrigated wheat in last Rabi?	Irrigated Wheat		1
		Un-irrigated Wheat		2 →S2
C2.10	How many times did you irrigate your wheat crop last Rabi?			

C2.11	What was the cost per irrigation or total cost of irrigation for last Rabi?	TOTAL COST	Rs.
		COST PER IRRIGATION	Rs.
		DIESEL	Rs.
		ELECTRICITY BILL	Rs.

INTERVIEWER READOUT: NOW, WE WILL ASK YOU DETAILED QUESTIONS ABOUT YOUR FARMING PRACTICES, FROM SEED TO FERTILIZER TO PESTICIDE USAGE.

S2. Seeds				
S2.0	Did you make the decisions on which variety of cotton seed to use?	YES		1
		NO		2 →S2.2
S2.1	If yes, what was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)	Low Price		1 →S2.3
		Pest Resistance		2 →S2.3
		Safe Yield		3 →S2.3
		High Yield		4 →S2.3
		Few Input Requirements		5 →S2.3
		Water requirements		6 →S2.3
		What farmer friends use		7 →S2.3
		Availability		8 →S2.3
		Soil fertility		9 →S2.3
		General advice (specify source)		10 →S2.3
				→S2.3
		Other (specify)		888 →S2.3
				→S2.3
		Don't know		999 →S2.3
S2.2	If not, who made the decision?	Use codes from A.07		
		Other (specify)		888
S2.3	Did you solicit or receive any advice on seeds last Rabi 2010?	YES		1
		NO		2 →S2.5
S2.4	Who or what were the THREE most important sources? (USE SOURCE CODE- DO NOT PROMPT)	FIRST		
		SECOND		
S2.5	Did you purchase wheat seeds last Rabi or reuse old seeds?	PURCHASE		1
		REUSE		2 →S2.7
		BOTH		3
S2.6	What seeds did you purchase? How many kilograms or packets of seeds did you purchase? What was the price? (INTERVIEWER: FOR RABI 2010-11) 1. GW 496 2. GW 322	SEED 1:		
				KGS
				price/ kg
				PACKETS
				price/ pkt
		SEED 2		

	3. GW 173		KGS		
	4. GW 273		price/ kg		
	5. LOK 1		PACKETS		
	888. Other, (specify)		price/ pkt		
		SEED 3			
S2.7	What are the names of the seed you used? Are they improved or desi? And, what quantity did you use for each seed? (INTERVIEWER: FOR RABI 2010-11) 1. GW 496 2. GW 322 3. GW 173 4. GW 273 5. LOK 1 888. Other, (specify)	1. SEED NAME:			
		Improved		1	
		DESI		2	
		QUANTITY USED:			
				KGS	
				PACKETS	
		2. SEED NAME:			
		Improved		1	
		DESI		2	
		QUANTITY USED:			
				KGS	
				PACKETS	
		3. SEED NAME:			
		Improved		1	
	DESI		2		
S2.8	What were the labour costs for sowing wheat seeds in Rabi 2010-11?	Household labour			
			# of workers		
			DAYS		
			Total Labour Days		
		Hired Labour			
			# of workers		
			DAYS		
			Total Labour Days		
			Daily wage		
			Total Labour Cost		
		Tractor			
			Total Cost		
			Total hours or vigha		
			Rs/hour or rs/vigha		
	S2.9	Did you treat your seeds before planting?	YES		
NO				2	
S2.10	How did you treat your seeds? (INTERVIEWER NOTE: Find out exactly what names/brands respondent used.)	Option	Code	Specify	
		A. FUNGICIDES	1 2		
		B. PESTICIDES	1 2		

		C. BIOLOGICAL METHOD	1	2	
		D. OTHER			
		D1.	1	2	
		D2.	1	2	
S2.11	In last Rabi, did you use the broadcasting method for planting or did you plant in rows?	Broadcasting		1	→F2
		In rows		2	
		DON'T KNOW		999	→F2
S2.12	What was the spacing between the rows? (INTERVIEWER: Measure using a ruler.)			CMS	
				FT	
				INCHES	
		DON'T KNOW		999	

F2. Fertilizers

NOW WE WILL ASK YOU QUESTIONS ABOUT YOUR FERTILIZER USAGE IN THE LAST MONTH. Remember these questions only pertain to your wheat crop.

F2.0	Did you solicit or receive any advice regarding fertilizer last Rabi?	YES		1	
		NO		2	→F2.2
F2.1	Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)	FIRST			
		SECOND			
F2.2	Did you use fertilizers last Rabi with your wheat crop?	YES		1	→F2.4
		NO		2	
F2.3	Why did you not use fertilizer?	Wrong time in crop phase		1	2 → P2
		Too expensive		1	2 → P2
		Not useful		1	2 → P2
		Not available		1	2 → P2
		Bad experience		1	2 → P2
		Don't know how		1	2 → P2
		Other (specify)		888	→ P2
F2.4	Did you make the decisions on which fertilizers to use?	YES		1	
		NO		2	→F2.6
F2.5	If yes, what was the most important factor in determining which fertilizer you used? (CIRCLE ONLY ONE)	Low Price		1	→F2.7
		Safe Yield		2	→F2.7
		High Yield		3	→F2.7
		What farmer friends use		4	→F2.7
		Availability		5	→F2.7
		Soil fertility		6	→F2.7
		Seed variety		7	→F2.7
		General advice (specify source)		8	→F2.7
					→F2.7
		Other (specify)		888	→F2.7
F2.6	If not, who made the decision?				→F2.7
		Don't know		999	→F2.7
F2.6		Use codes from A.07			

		Other (specify)		888	
F2.7	Did you purchase fertilizers or reuse from the previous year?	PURCHASE		1	→F2.9
		REUSE		2	
		BOTH		3	
F2.8	What fertilizers did you purchase? What quantity did you purchase and what was the cost per unit?	Purchase? Yes = 1 No =2	Amount 1. kg; litre 2. bags	Cost (Rs.) 1. Cost/unit 2. Total	
	A. Urea	1 2	1. 2.	1. 2.	
	B. Super Phosphate (SSP)	1 2	1. 2.	1. 2.	
	C. DAP	1 2	1. 2.	1. 2.	
	D. Murate of Potash (MoP)	1 2	1. 2.	1. 2.	
	E. ZinC Sulphate /Micronutrients	1 2	1. 2.	1. 2.	
	F. OTHER (specify)				
	F2.	1. 2.		1. 2.	
	F2.	1. 2.		1. 2.	
F2.9	What chemical fertilizers did you use for wheat in Rabi 2010-11? In what quantity? (CIRCLE ALL THAT APPLY)	Fertilizer	Amount 1. kgs;litre 2. bags		
		A. Urea	1 2	1. 2.	
		B. Super Phosphate	1 2	1. 2.	
		C. DAP	1 2	1. 2.	
		D. Murate of Potash (MoP)	1 2	1. 2.	
		E. Zink Sulphate/Micronutrient	1 2	1. 2.	
		F. OTHER (specify)	888		
		F2.	1 2	1. 2.	
		F2.	1 2	1. 2.	
		DON'T KNOW	999		
F2.10	What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)	Number of Applications:			
		Household labour			
				# of workers	
				DAYS	
				Total Labour Days	
		Hired Labour			

			# of workers	
			DAYS	
			Total Labour Days	
			Daily wage	
			Total Labour Cost	
F2.11	Did you use any organic fertilizers on your wheat crop last Rabi?	Yes	1	
		No	2	→P2
F2.12	What types and quantities of organic fertilizer did you use last Rabi for wheat? (CIRCLE ALL THAT APPLY)	Fertilizer	Yes -1, No -2	AMOUNT 1. trolley, 2. kilo
		Manure/Compost	1 2	1. 2.
		Biofertilizer	1 2	1. 2.
		Vermicompost	1 2	1. 2.
		Cake	1 2	1. 2.
		Other (specify)		888
		DON'T KNOW		999
F2.13	What was the labour costs for the application of organic fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)	Number of applications:		
		Household labour		
			# of workers	
			DAYS	
			Total Labour Days	
		Hired Labour		
			# of workers	
			DAYS	
			Total Labour Days	
			Daily wage	
			Total Labour Cost	

P2. Pesticides and Diseases

NOW, WE WILL ASK YOU SIMILAR QUESTIONS REGARDING YOUR PESTICIDE USAGE.				
P2.0	Did you solicit or receive any advice on pesticides during Rabi 2010-11?	YES	1	
		NO	2	→P2.2
P2.1	Who or what were the TWO most important sources of advice? (USE SOURCE CODE- DO NOT PROMPT)	FIRST		
		SECOND		
P2.2	Did you use any pesticides with your wheat crop last Rabi?	YES	1	→P2.4
		NO	2	
P2.3	Why did you not use pesticides last Rabi?	Due to crop conditions	1 2	→P2.7
		Too expensive	1 2	→P2.7

	(CIRCLE ALL THAT APPLY)	Not useful	1	2	→P2.7
		Not available	1	2	→P2.7
		Bad experience	1	2	→P2.7
		Don't know how	1	2	→P2.7
		Use natural methods	1	2	→P2.7
		Not necessary	1	2	→P2.7
		Other (specify)		888	→P2.7
					→P2.7
		Don't know		999	→P2.7
P2.4	Did you make the decisions on which pesticides to use?	YES		1	
		NO		2	→P2.6
P2.5	If yes, aside from the type of pest or disease, what was the most important factor in determining which pesticide you used? (CIRCLE ONLY ONE)	Low Price		1	→P2.7
		Safe Yield		2	→P2.7
		High Yield		3	→P2.7
		What farmer friends use		4	→P2.7
		Availability		5	→P2.7
		Soil fertility		6	→P2.7
		Seed variety		7	→P2.7
		Health reasons		8	→P2.7
		General advice (specify source)		9	→P2.7
					→P2.7
		Other (specify)		888	→P2.7
					→P2.7
		Don't know		999	→P2.7
P2.6	If not, who made the decision?	Use codes from A.07			
		Other (specify)		888	
INTERVIEWER CHECKPOINT: If the respondent did not use any pesticides, only ask P2.7, P2.8 and P2.9					
P2.7	What are the Pests that attacked your crop in the last Rabi? (Interviewer: For each, write 1= Yes, 2= No) (INTERVIEWER: If A-E are all 2, then circle NONE and follow skip.)	A. Termite		2	→P2.8
		B. Stem Borer		2	
		C. Cut Warms		2	
		D. Aphid		2	
		E. OTHER (specify)			
		E1.		2	
		E2.	1	2	
		NONE		555	
		DON'T KNOW		999	
P2.7p	Did you purchase or use a previous stock of pesticides last Rabi for wheat?	PURCHASE		1	→P2.7t
		USE PREVIOUS STOCK		2	
		BOTH		3	
P2.7c	Which pesticides did you purchase? In what quantity? And what was the cost? (Record total usage in parentheses.)	Purchase? Yes = 1 No =2	Amount 1. litres; kgs 2. bags	Cost (Rs.) 1. Cost/unit 2. Total cost	

	1. Endosulphan	1	2	1. 2.	1. 2.
	2. Quinalphos	1	2	1. 2.	1. 2.
	3. Phosphamidon	1	2	1. 2.	1. 2.
	4. Carbaryl	1	2	1. 2.	1. 2.
	5. Methyl Parathion	1	2	1. 2.	1. 2.
	6. Chlorpyrithos	1	2	1. 2.	1. 2.
	7. Dimethoate	1	2	1. 2.	1. 2.
	8. OTHER (Specify)				
	8a	1	2	1. 2.	1. 2.
	8b	1	2	1. 2.	1. 2.
P2.7t	Which pesticide did you use to treat these Pests? In what quantity? (INTERVIEWER: Use the codes below. Multiple answers possible. Refer to P2.7 for occurred pests.)	Pests	Pesticide Code	Quantity applied (ml/pump)	
		A. Termite	a. b.	a. b.	
		If 888,			
		B. Stem Borer	a. b.	a. b.	
		If 888,			
		C. Cut Worms	a. b.	a. b.	
		If 888,			
		D. Aphid	a. b.	a. b.	
		If 888,			
		E. Other (specify)			
		E1.	a. b.	a. b.	
		If 888,			
		E2.	a. b.	a. b.	
		If 888,			
P2.8	Which diseases occurred in your wheat crop last Rabi?	A. Stem Rust		2	
		B. Seedling Blight		2	
		C. Loose Smut		2	

		D. Black Seed Spot		2		
		E. Other (Specify)		888		
		E1.				
		E2.				
		NONE		555	→P2.9	
		DON'T KNOW		999		
P2.8t	What fungicide or other methods did you use to treat or control that disease? (INTERVIEWER: Record names/ brands when "specify" mentioned in code.) 1. Fungicide Spray (specify) 2. Drenching of Fungicide (Specify) 3. Destruction of Infected Debris 4. Uprooted the infected Plant 888. Other (Specify) 999. DON'T KNOW	Disease	Method code	Details		
		A. Stem Rust	a. b.	a. b.		
		B. Seedling Blight	a. b.	a. b.		
		C. Loose Smut	a. b.	a. b.		
		D. Black Seed Spot	a. b.	a. b.		
		E. Other (Specify)				
		E1.	a. b.	a. b.		
		E2.	a. b.	a. b.		
P2.8c	What was the total cost of application to treat these fungal diseases?	Disease	Total Cost			
		A. Stem Rust				
		B. Seedling Blight				
		C. Loose Smut				
		D. Black Seed Spot				
		E. Other (Specify)				
		E1.				
		E2.				
P2.9	Have you applied any bio-control methods to control pests or diseases Rabi 2010-11 for wheat?	YES 1			→P2.10	
		NO 2				
		DON'T KNOW 999				
P2.9t	What biological method have you used? (CIRCLE ALL THAT APPLY)	A. Installation of pheromone trap		1 2		
		B. Release of Chrysoperla		1 2		
		C. Spraying of Neem form or Neem seed kernel suspension		1 2		
		D. Release of Trichogramma		1 2		
		E. Spraying of HNPV/SNPV		1 2		
		F. Hand collection of eggs and larva		1 2		

		G. Installation of Sticky cards (yellow/blue)		1	2
		Other (specify)		888	
		DON'T KNOW		999	
P2.9c	What was the cost of Bio-control last Kharif?	TOTAL COST			
P2.10	What was the TOTAL labour costs for the application of pesticides and fungicides last Kharif?	Number of applications:			
		Household labour			
			# of workers		
			DAYS		
	(INTERVIEWER: Remind respondent of multiple applications, and all potential pests and diseases.)		Total labour days		
		Hired Labour			
			# of workers		
			DAYS		
			Total labour days		
			Daily wage		
		Total labour cost			

SECTION C3: AGRICULTURAL PRACTICES (CUMIN)**INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in these sections as an option.****INTERVIEWER READOUT: Now we will ask you about your practices related to Cumin for last Rabi.**

C3. Cumin (General)				
C3.1	Do you solicit or receive any advice on selection of Cumin crop?	YES	1	→C3.3
		NO	2	
C3.2	Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)	FIRST		
		SECOND		
C3.3	Did you plant Cumin last Rabi?	YES	1	→ I
		NO	2	
C3.4	How long have you been cultivating cumin?	_____ Years _____ Months		
C3.5	What was the total area you planted?		ACRE	
			BIGHA	
			GUNTHA	
C3.6	Do you treat your soil before planting?	YES	1	→C3.9
		NO	2	
C3.7	How did you treat your soil Before planting of Cumin? (CIRCLE ALL THAT APPLY)	Added organic manure	1	2
		Cleaned the soil from last harvest	1	2
		Ploughing	1	2
		Levelling the soil as per crop	1	2
		Prepares Irrigation bed/furrows	1	2
		Other (specify)	888	
C3.8	What were the labour costs for cumin land preparation in Rabi 2010-11?	Household labour		
			# of workers	
			DAYS	
			Total Labour Days	
		Hired Labour		
			# of workers	
			DAYS	
			Total Labour Days	
			Daily wage	
			Total Labour Cost	
		Tractor/Bullock		
			Total Cost	
			# of hrs/vigha	
	Rs/hrs or vigha			
C3.9	How many times did you irrigate your Cumin crop last Rabi?			
C3.10	What was the cost per irrigation or total cost of irrigation for last Rabi?	TOTAL COST	Rs.	
		COST PER IRRIGATION	Rs.	

	DIESEL	Rs.
	ELECTRICITY BILL	Rs.

INTERVIEWER READOUT: NOW, WE WILL ASK YOU DETAILED QUESTIONS ABOUT YOUR FARMING PRACTICES, FROM SEED TO FERTILIZER TO PESTICIDE USAGE.

S3. Seeds				
S3.0	Did you make the decisions on which variety of cumin seed to use?	YES		1
		NO		2 →S3.2
S3.1	If yes, what was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)	Low Price		1 →S3.3
		Pest Resistance		2 →S3.3
		Safe Yield		3 →S3.3
		High Yield		4 →S3.3
		Few Input Requirements		5 →S3.3
		Water requirements		6 →S3.3
		What farmer friends use		7 →S3.3
		Availability		8 →S3.3
		Soil fertility		9 →S3.3
		General advice (specify source)		10 →S3.3
				→S3.3
		Other (specify)		888 →S3.3
				→S3.3
S3.2	If not, who made the decision?	Use codes from A.07		
		Other (specify)		888
S3.3	Did you solicit or receive any advice on cumin seeds last Rabi 2010-11?	YES		1
		NO		2 →S3.5
S3.4	Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)	FIRST		
		SECOND		
S3.5	Did you purchase cumin seeds last Kharif or reuse old seeds?	PURCHASE		1
		REUSE		2 →S3.7
		BOTH		3
S3.6	What seeds did you purchase? How many kilograms or packets of seeds did you purchase? What was the price? (INTERVIEWER: FOR RABI 2010) 1. Gujarat Cumin 1 2. Gujarat Cumin 2 3. Gujarat Cumin 3 4. Gujarat Cumin 4 5. Rajasthan Cumin 2	SEED 1:		
				KGS
				price/ kg
				PACKETS
				price/ pkt
		SEED 2		
				KGS
				price/ kg
				PACKETS

	888. Other, (specify)		price/ pkt	
		SEED 3		
			KGS	
			price/ kg	
			PACKETS	
			price/ pkt	
S3.7	What are the names of the seed you used? And, what quantity did you use for each seed? (INTERVIEWER: FOR RABI 2010) 1. Gujarat Cumin 1 2. Gujarat Cumin 2 3. Gujarat Cumin 3 4. Gujarat Cumin 4 5. Rajasthan Cumin 2	1. SEED NAME:		
		QUANTITY USED:		
			KGS	
			PACKETS	
		2. SEED NAME:		
		QUANTITY USED:		
			KGS	
			PACKETS	
		3. SEED NAME:		
		QUANTITY USED:		
			KGS	
			PACKETS	
	888. Other, (specify)		PACKETS	
S3.8	What were the labour costs for sowing wheat seeds in Rabi 2010-11?	Household labour		
			# of workers	
			DAYS	
			Total Labour Days	
		Hired Labour		
			# of workers	
			DAYS	
			Total Labour Days	
			Daily wage	
			Total Labour Cost	
		Tractor		
			Total Cost	
			Total hours or vigha	
			Rs/hours or rs/vigha	
S3.9	Did you treat your seeds before planting?	YES	1	
		NO	2	→S3.11
S3.10	How did you treat your seeds? (INTERVIEWER NOTE: Find out exactly what names/brands respondent used.)	Option	Code	Specify
		A. FUNGICIDES	1 2	
		B. PESTICIDES	1 2	
		C. BIOLOGICAL METHOD	1 2	
		D. OTHER		
		D1.	1 2	
		D2.	1 2	
S3.11	Did you use the broadcasting method or did you plant in rows in Rabi 2010-11?	Broadcasting	1	
		In Rows	2	
		DON'T KNOW	999	
S3.12	What was the spacing between the rows? (INTERVIEWER: Measure using a ruler.)		CMS	
			FT	
			INCHES	

		DON'T KNOW	999	
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F3. Fertilizers						
NOW WE WILL ASK YOU QUESTIONS ABOUT YOUR FERTILIZER USAGE IN THE LAST MONTH. Remember these questions						
F3.0	Did you solicit or receive any advice regarding fertilizer last Rabi?	YES		1	→F3.2	
		NO		2		
F3.1	Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)	FIRST				
		SECOND				
F3.2	Did you use fertilizers last Rabi with your cumin crop?	YES		1	→F3.4	
		NO		2		
F3.3	Why did you not use fertilizer?	Wrong time in crop phase		1 2	→ P3	
		Too expensive		1 2	→ P3	
		Not useful		1 2	→ P3	
		Not available		1 2	→ P3	
		Bad experience		1 2	→ P3	
		Don't know how		1 2	→ P3	
		Other (specify)		888	→ P3	
F3.4	Did you make the decisions on which fertilizers to use?	YES		1		
		NO		2	→F3.6	
F3.5	If yes, what was the most important factor in determining which fertilizer you used? (CIRCLE ONLY ONE)	Low Price		1	→F3.7	
		Safe Yield		2	→F3.7	
		High Yield		3	→F3.7	
		What farmer friends use		4	→F3.7	
		Availability		5	→F3.7	
		Soil fertility		6	→F3.7	
		Seed variety		7	→F3.7	
		General advice (specify source)		8	→F3.7	
					→F3.7	
		Other (specify)		888	→F3.7	
F3.6	If not, who made the decision?	Use codes from A.07				
		Other (specify)		888		
F3.7	Did you purchase fertilizers or reuse from the previous year?	PURCHASE		1	→F3.9	
		REUSE		2		
		BOTH		3		
F3.8	What fertilizers did you purchase? What quantity did you purchase and what was the cost per unit?	Purchase? YES = 1 NO = 2	Amount	Cost (Rs.) 1. Cost/unit 2. Total		
		A. Urea	1 2	1. 2.	1. 2.	
		B. Super Phosphate (SSP)	1 2	1. 2.	1. 2.	

	C. DAP	1	2	1. 2.	1. 2.	
	D. Murate of Potash (MoP)	1	2	1. 2.	1. 2.	
	E. Zink Sulphate /Micronutrients	1	2	1. 2.	1. 2.	
	F. OTHER (specify)					
	F3.	1. 2.			1. 2.	
	F2.	1. 2.			1. 2.	
F3.9	What chemical fertilizers did you use? In what quantity? (CIRCLE ALL THAT APPLY)	Fertilizer			Amount 1. kgs, litre 2. bags	
		A. Urea	1	2	1. 2.	
		B. Super Phosphate	1	2	1. 2.	
		C. DAP	1	2	1. 2.	
		D. Murate of Potash (MoP)	1	2	1. 2.	
		E. Zink Sulphate/Micronutrient	1	2	1. 2.	
		F. OTHER (specify)	888			
		F3.	1	2	1. 2.	
		F2.	1	2	1. 2.	
			DON'T KNOW	999		
F3.10	What were the labour costs for the application of chemical fertilizer for cumin? (INTERVIEWER: Remind the respondent to consider multiple applications.)	Number of Applications:				
		Household labour				
				# of workers		
				DAYS		
		Total Labour Days				
		Hired Labour				
				# of workers		
				DAYS		
		Total Labour Days				
		Daily wage				
	Total Labour Cost					
F3.11	Did you use any organic fertilizers on your cumin crop last Rabi?	Yes			1	
		No			2	→P3
F3.12	What types and quantities of organic fertilizer did you use last Rabi for cumin? (CIRCLE ALL THAT APPLY)	Fertilizer			AMOUNT 1. trolley, 2. kilo	

		Manure/Compost	1	2	1.		
		Biofertilizer	1	2	1.		
		Vermicompost	1	2	1.		
		Cake	1	2	1.		
		Other (specify)			888		
		DON'T KNOW			999		
F3.13	What was the labour costs for the application of organic fertilizer for cumin? (INTERVIEWER: Remind the respondent to consider multiple applications.)	Number of applications:					
		Household labour					
			# of workers				
			DAYS				
			Total Labour Days				
		Hired Labour					
			# of workers				
			DAYS				
			Total Labour Days				
				Daily wage			
		Total labour cost					

P3. Pesticides and Diseases							
NOW, WE WILL ASK YOU SIMILAR QUESTIONS REGARDING YOUR PESTICIDE USAGE.							
P3.0	Did you solicit or receive any advice on pesticides during Rabi 2010-11 for cumin?	YES			1	→P3.2	
		NO			2		
P3.1	Who or what were the TWO most important sources of advice? (USE SOURCE CODE- DO NOT PROMPT)	FIRST					
		SECOND					
P3.2	Did you use any pesticides with your cumin?	YES			1	→P3.4	
		NO			2		
P3.3	Why did you not use pesticides last Rabi on your cumin crop? (CIRCLE ALL THAT APPLY)	Due to crop condition			1	2	→P3.7
		Too expensive			1	2	→P3.7
		Not useful			1	2	→P3.7
		Not available			1	2	→P3.7
		Bad experience			1	2	→P3.7
		Don't know how			1	2	→P3.7
		Use natural methods			1	2	→P3.7
		Not necessary			1	2	→P3.7
		Other (specify)			888		→P3.7
							→P3.7
	Don't know			999		→P3.7	
P3.4	Did you make the decisions on which pesticides	YES			1		

	to use?	NO		2	→P3.6	
P3.5	If yes, aside from the type of pest or disease, what was the most important factor in determining which pesticide you used? (CIRCLE ONLY ONE)	Low Price		1	→P3.7	
		Safe Yield		2	→P3.7	
		High Yield		3	→P3.7	
		What farmer friends use		4	→P3.7	
		Availability		5	→P3.7	
		Soil fertility		6	→P3.7	
		Seed variety		7	→P3.7	
		Health reasons		8	→P3.7	
		General advice (specify source)		9	→P3.7	
					→P3.7	
		Other (specify)		888	→P3.7	
					→P3.7	
	Don't know		999	→P3.7		
P3.6	If not, who made the decision?	Use codes from A.07				
		Other (specify)		888		
INTERVIEWER CHECKPOINT: If the respondent did not use any pesticides, only ask P3.7, P3.8 and P3.9.						
P3.7	What are the Pests that attacked your crop in the last Kharif? (Interviewer: For each, write 1= Yes, 2= No) (INTERVIEWER: If A-E are all 2, then circle NONE and follow skip.)	A. Aphid	1	2	→P3.8	
		B. OTHER (specify)				
		B1.	1	2		
		B2.	1	2		
		NONE		555		
		DON'T KNOW		999		
P3.7p	Did you purchase or use a previous stock of pesticides last Rabi for cumin?	PURCHASE		1	→P3.7t	
		USE PREVIOUS STOCK		2		
		BOTH		3		
P3.7c	Which pesticides did you purchase? In what quantity? And what was the cost?	Purchase? Yes = 1 No =2	Amount 1. litres; kgs 2. bags	Cost (rs.) 1. Cost/unit 2. Total cost		
		1. Endosulphan	1 2	1. 2.		1. 2.
		2. Quinalphos	1 2	1. 2.		1. 2.
		3. Phosphamidon	1 2	1. 2.		1. 2.
		4. Dimethoate	1 2	1. 2.		1. 2.
		5. OTHER (Specify)				
		5a	1 2	1. 2.		1. 2.
		5b	1 2	1. 2.		1. 2.
		P3.7t	Which pesticide did you use to treat these Pests? In what quantity? (INTERVIEWER: Use the codes below.	Pests		Pesticide Code

	Multiple answers possible. Refer to P3.5 for occurred pests.) 1. Endosulphan Quinalphos 3. Phosphamidon Dimethoate 5. No Pesticides 888. OTHER (Specify) 999. DON'T KNOW	2.	A. Aphid	a. b.	a. b.		
		4.	E. Other (specify)				
			E1.	a. b.	a. b.		
		999.	If 888,				
			E2.	a. b.	a. b.		
		If 888,					
P3.8	Which diseases occurred in your Cumin crop last Rabi?		A. Blight		1	2	→P3.9
			B. Powdery Mildew		1	2	
			C. Wilt		1	2	
			D. Other (Specify)		888		
			D1.				
			D2.				
			NONE		555		
			DON'T KNOW		999		
P3.8p	Did you purchase or use a previous stock of fungicides last Rabi for cumin?		PURCHASE		1	→P3.8t	
			USE PREVIOUS STOCK		2		
			BOTH		3		
P3.8c	Which fungicide did you purchase? In what quantity? And what was the cost? (record total usage in parentheses.)		Purchase? Yes = 1 No =2	Amount 1. litres 2. bags	Cost (Rs.) 1. Cost/ unit 2.		
		1. Carbendazim	1	2	1. 2.	1. 2.	
		2. Macozeb	1	2	1. 2.	1. 2.	
		3. Sharp (Carbendazim+Mancozeb)	1	2	1. 2.	1. 2.	
		4. Propicanazole (Tilt)	1	2	1. 2.	1. 2.	
		5. Sulphure	1	2	1. 2.	1. 2.	
		6. Hexaconazole	1	2	1. 2.	1. 2.	
		7. Copper Oxychloride	1	2	1. 2.	1. 2.	
		8. OTHER (Specify)					
		8a	1	2	1. 2.	1. 2.	
		8b	1	2	1. 2.	1. 2.	

P3.8t	Which fungicide did you use to treat these Disease? In what quantity? (INTERVIEWER: Use the codes below. Multiple answers possible. Refer to P3.5 for occurred pests.)	Pests	Pesticide Code	Quantity applied (ml/pump)
		A. Blight	a. b.	a. b.
		If 888,		a. b.
	1. Carbendazim	B. Powdery Mildew	a. b.	a. b.
	2. Macozeb	If 888,		
	3. Sharp (Carbendazim+Mancozeb)	C. Wilt	a. b.	a. b.
	4. Propicanazole (Tilt)	If 888,		
	5. Sulphure	D. Other (specify)		
	6. Hexaconazole	D1.	a. b.	a. b.
	7. Copper Oxychloride	If 888,		
D2.		a. b.	a. b.	
If 888,				
P3.9	Have you applied any bio-control methods to control pests or diseases last month?	YES	1	→P3.10
		NO	2	
		DON'T KNOW	999	
P3.9t	What biological method have you used? (CIRCLE ALL THAT APPLY)	A. Installation of pheromone trap	1	2
		B. Release of Chrysoperla	1	2
		C. Spraying of Neem form or Neem	1	2
		D. Release of Trichogramma	1	2
		E. Spraying of HNPV/SNPV	1	2
		F. Hand collection of eggs and larva	1	2
		G. Installation of Sticky cards	1	2
		Other (specify)	888	
		DON'T KNOW	999	
P3.9c	What was the cost of Bio-control last Kharif?	TOTAL COST		
P3.10	What was the TOTAL labour costs for the application of pesticides and fungicides last Kharif? (INTERVIEWER: Remind respondent of multiple applications, and all potential pests and diseases.)	Number of applications:		
		Household labour		
			# of workers	
			DAYS	
			Total labour days	
		Hired Labour		
			# of workers	
			DAYS	
			Total labour days	
	Daily Wage			
	Total labor cost			

SECTION I and J: HOUSEHOLD INDEBTEDNESS AND SAVINGS				
INTERVIEWER READOUT: Now, we will ask you questions about loans your household may have. These questions will help us understand your decision-making processes.				
I1.1	Does anybody in the household have any debts, such as loans from banks, moneylenders or friends?	YES	1	→ J
		NO	2	
		DON'T KNOW/WILL NOT SAY	999	
I1.2	Did you take out any new loans in the past one year?	YES	1	
		NO	2	
		DON'T KNOW/WILL NOT SAY	999	
I1.3	How many outstanding loans does the household have?			
I1.4	What is the total outstanding debt, of all the loans combined?	Rs. _____		
I1.5	What were the loans used towards?	WEDDING	1	2
	(CIRCLE ALL THAT APPLY)	MEDICAL EXPENSES	1	2
	(1 = YES, 2 = NO)	BUSINESS/ AGRICULTURAL INPUTS	1	2
		HOUSE IMPROVEMENTS	1	2
		OTHER (Specify)	888	
		DON'T KNOW	999	
J. SAVINGS				
J1.1	Does anyone in your household have a savings account of any kind?	YES	1	→ M
		NO	2	
		DON'T KNOW	999	
J1.2	How many savings accounts does the household have?			
J1.3	What is the total balance in savings of all accounts?	Rs. _____		

I, _____, CERTIFY THAT I HAVE RECEIVED A TOP-UP OF 50 RS. FOR PARTICIPATING IN THE AGRICULTURAL INFORMATION SURVEY WITH CMF-DSC-SAJJATA SANGH.

DATE:

INTERVIEWER NOTE: RECORD THE TOP-UP SERIAL NUMBER: _____

INTERVIEWER READOUT:

ONE LAST THING REMAINS: We will now ask you to play a game with a scratch card which will determine whether you receive additional agricultural information from our organization for the study for one year.

WHY ARE WE DOING THIS? As part of our one year study, apart from the surveys, all 30 farmers that we are interviewing in your village will have the chance to receive additional agricultural information on their mobile phone on a regular basis from DSC-CMF-Sajjata Sangh. Whether you receive this service or not will depend on the scratch card. If you are chosen to receive information there is no obligation or cost of participating in the study.

I, personally, also do not know whether you will receive this service or not until you scratch the card. If you are selected, you will be visited again in a few weeks to tell you more about the technology and give you further information. Due to financial constraints, we can't provide this service to everyone, but still want to study whether a technology like this will be useful for farmers.

Before we go ahead, do you have any questions? *ANSWER ANY QUESTIONS.*

ASK THE FARMER TO SCRATCH THE CARD.

RECORD OUTCOME:

1 - AO + Physical Extension

2- AO

3- Nothing

THANK THE FARMER FOR HIS TIME AND PARTICIPATION.

Plot Status Key

- 1 own plot, cultivated by self
- 2 own plot, cultivated with other
- 3 own plot, rented out
- 4 own plot, pawned, cultivated by self
- 5 own plot, pawned, cultivated by other
- 6 Plot rented in
- 7 Plot sharecropped
- 8 Plot pawned in, cultivated by self
- 9 Plot pawned in, cultivated by other
- 10 Own plot - fallow
- 888 Other (specify)
- 999 Don't know

A0.7 CODE

SPOUSE / PARTNER	2
SON / DAUGHTER	3
SON-IN-LAW / DAUGHTER-IN-LAW	4
STEPSON / STEPDAUGHTER	5
GRANDCHILD	6
BROTHER / SISTER	7
BROTHER-IN-LAW / SISTER-IN- LAW	8
FATHER / MOTHER	9
FATHER-IN-LAW / MOTHER-IN-LAW	10
OTHER FAMILY (SPECIFY)	11
OTHER (SPECIFY)	888

SOURCE CODE

Past experience	1
TV program	2
Mobile based info	3
Newspapers/magazines	4
Government extension worker	5
NGO	6
Other farmers	7
Agro dealer	8
Commission agent	9
Other (specify)	888