AGRICULTURAL INFORMATION CONSENT FORM

An Impact Evaluation of a Mobile Agricultural Extension Program

Shawn Cole, Harvard Business School; Nilesh Fernando, Harvard Kennedy School

The purpose of this study is to understand how different sources of agricultural information affect your agricultural practices and well being. The study has been extended from one year to two years starting from the initial survey to the last survey. As a part of this study, you have participated in an initial survey conducted in July 2011 and routine monthly phone surveys. Your participation in this paper survey will take about two hours and your participation in the phone surveys will be about 30 minutes bimonthly for the next 12 months. If you have any questions about the study, they will be answered for you. After the first paper survey, a random and fair lottery determined whether you were a part of a service that receives agricultural information on your mobile phone. This service allows you to receive agricultural information on your mobile phone in the form of push calls from CMF; these push calls are delivered weekly and each message is about 3-5 minutes in length. It also allows you to use your mobile phone to call into a phone line and ask questions and hear pre-recorded advice about agriculture. Other than the weekly push calls, your involvement with the service remains your discretion.

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.

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

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

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

You can also contact Tanaya Devi (email tanaya.devi@ifmr.ac.in) or Lisa Nestor (email lisa.nestor@ifmr.ac.in) at +91 79 4007 3682/3 at the Ahmedabad Office of Centre for Microfinance. If you feel you have been treated unfairly, or you have questions regarding your rights as a research subject, you may contact the Director of the Institute of Rural Management Anand (IRMA). Dr. Vivek Bhandari, at 02692 261230 (Ext. 601) or by email at vivek@irma.ac.in or

Management Anand (IRMA), Dr. Vivek Bhandari, at 02692 261230 (Ext: 601) or by email at vivek@irma.ac.in or
Do you agree to participate in the study?
YES 1
NO
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.
Do you agree to have this survey recorded?
YES
NO
·

HOUSEHOLD TALUKA Num: [] VILLAGE JL Num: [][][] HH ID: [][] AGINFO

	INTERVI	WER: COMPLETE BEFORE BEGINNING THE MOD	ULE	
	0.1A	Block Name:	B. Block Number:	
	0.27	DIOCK NUME:	S. Sissak ivanizer:	
	0.2A	District Name:	B. District Number:	
	0.24	Village name	B. Village Number	
	0.3A	Village name:	B. Village Number:	
	0.4	Household ID Number:		
	0.5	Respondent ID Number:		
_	0.51	Is the original respondent available:	Yes -	Surveyor Checkpoint
_	0.51	is the original respondent available.	No	2 Surveyor Checkpoint
	0.52	Why is the original respondent not available:	Out of Village	
_			Not interested in survey Due to Death	
_			Others (Specify)	
			Certain (Openity)	
	0.53	Respondent substitute name:		
		Household ID Number		
	SURVEYO	OR CHECKPOINT: Group:	If A> FILL SURVEY FORM, SECTION A5 AND Z(B)	
			If B> FILL SURVEY FORM AND SECTION Z(A)	
			If C> FILL SURVEY FORM AND SECTION A5	
	NOTE: M	lake sure the respondent is the CHIEF AGRICULT	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY	
	NOTE: M		If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household.	
	NOTE: M	lake sure the respondent is the CHIEF AGRICULTI Crops grown:	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N	
	NOTE: M		If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household.	
		Crops grown:	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N	
	NOTE: M		If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N	
		Crops grown:	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY URAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N	
	0.6	Crops grown: Household Address:	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY URAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N	
	0.6	Crops grown: Household Address: Landline Telephone:	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY URAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N	
	0.6	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a m	
	0.6	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as make sure the number is correct. If the number	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a me is not the same, write down new number and give	it a missed
	0.6	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as make sure the number is correct. If the number	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a m	it a missed
	0.6 0.7 0.8A	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as make sure the number is correct. If the number call. Make sure that this number is the respond within the household.	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a mais not the same, write down new number and give ent's own or one that he has regular access to, i.e. s	it a missed
	0.6	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as make sure the number is correct. If the number call. Make sure that this number is the respondence.	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a mais not the same, write down new number and give ent's own or one that he has regular access to, i.e. s	it a missed
	0.6 0.7 0.8A	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as make sure the number is correct. If the number call. Make sure that this number is the respond within the household. Mobile Network 1:	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a mais not the same, write down new number and give ent's own or one that he has regular access to, i.e. s	it a missed
	0.6 0.7 0.8A	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as make sure the number is correct. If the number call. Make sure that this number is the respond within the household. Mobile Network 1: Alternate Mobile No:	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a mais not the same, write down new number and give ent's own or one that he has regular access to, i.e. s	it a missed
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	0.6 0.7 0.8A 0.8B	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as make sure the number is correct. If the number call. Make sure that this number is the respond within the household. Mobile Network 1: Alternate Mobile No: NOTE: Double-check mobile number with hous be no number written here.	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a mais not the same, write down new number and give ent's own or one that he has regular access to, i.e. s ehold. If there is no number in 0.8A, there should	it a missed
	0.6 0.7 0.8A	Crops grown: Household Address: Landline Telephone: Primary Mobile Telephone No.: NOTE: Confirm that this number is the same as make sure the number is correct. If the number call. Make sure that this number is the respond within the household. Mobile Network 1: Alternate Mobile No: NOTE: Double-check mobile number with household.	If C> FILL SURVEY FORM AND SECTION A5 If D> FILL SURVEY FORM ONLY JRAL DECISION-MAKER of the household. Cotton Y N Wheat Y N Cumin Y N in the respondent list. Also give the respondent a mais not the same, write down new number and give ent's own or one that he has regular access to, i.e. s ehold. If there is no number in 0.8A, there should	it a missed
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HOUSEHOLD TALUKA Num: [] VILLAGE JL Num: [][][] HH ID: [][] AGINFO

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Ш	0.10A	Date of visit 1: Day Month Yea	r
	0.10B	Start Time 1: Hour Min	
	0.10C	End Time 1: Hour Min	
		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 Month Yea	r
	0.11B	Start Time 2 : Hour Min	
	0.11C	End Time 2: Hour Min	
	INTERVIE	IEWER: COMPLETE AFTER FINISHING THE MODULE	
	0.12	COMPLETED: YES	1
		NO	2
	COMPLE	ETE AFTER FINISHING THE MODULE	
		SCRUTINIZED BY (Name of supervisor)	
		Date: Day Month	
Н		Trional Indian	
Н			
Н		SCRUTINIZED BY (Name of monitor)	
Н			
Н		Date: Day Month	
Н			
Н		BACKCHECKED BY (Name of supervisor)	
Н			
Н		Date: Day Month	
Н			
Н		DACKCHECKED DV (Name of monitor)	
Н		BACKCHECKED BY (Name of monitor)	
Н		Date: Day Month	
Н			
Н			

	INTERVIEWER: To begin, we will ask you some ba	sic allection	s ahout vou s	and your househo	ld				
	invienvent. To begin, we will ask you some ba	isic question	is about you a	ina your nouseno	iu.				
n RASIC	HOUSEHOLD INFORMATION								
A0.1	What is the name of the head of the household?	T				T			
A0.1	What is the name of the nead of the nodschold.								
A0.2	What is the age of the head of the household?	AGE							
		AGE RANG	E		-				
		DON'T KNO	OW		999	1			
A0.3	Is this person male of female?	MALE			1				
		FEMALE		2	1				
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:								
	NOTE: Match name in A0.4.								
	If there is a name in A0.53, then match name				'				
	*h								
	there					1			
A0.6		YES			1	→A0.8			
A0.6	Are you the head of the household?	YES NO			1 2	→A0.8			
A0.6 A0.7			PARTNER			→A0.8			
	Are you the head of the household?	NO			2	→A0.8			
	Are you the head of the household?	NO SPOUSE / I SON / DAU		ER-IN-LAW	2	→A0.8			
	Are you the head of the household?	NO SPOUSE / I SON / DAU SON-IN-LA	JGHTER		2 1 2	→A0.8			
	Are you the head of the household?	NO SPOUSE / I SON / DAU SON-IN-LA	JGHTER .W / DAUGHTI [/] STEPDAUGH		2 1 2 3	→A0.8			
	Are you the head of the household?	NO SPOUSE / F SON / DAU SON-IN-LA STEPSON / GRANDCHI BROTHER /	JGHTER .W / DAUGHTI / STEPDAUGH ILD / SISTER	TER	2 1 2 3 4	→A0.8			
	Are you the head of the household?	NO SPOUSE / F SON / DAU SON-IN-LA STEPSON / GRANDCHI BROTHER /	JGHTER .W / DAUGHTI / STEPDAUGH ILD	TER	2 1 2 3 4 5	→A0.8			
	Are you the head of the household?	NO SPOUSE / I SON / DAU SON-IN-LA STEPSON / GRANDCH BROTHER / BROTHER- FATHER / N	JGHTER JW / DAUGHTI / STEPDAUGH* ILD / SISTER IN-LAW / SIST MOTHER	TER ER-IN- LAW	2 1 2 3 4 5 6	→A0.8			
	Are you the head of the household?	NO SPOUSE / I SON / DAU SON-IN-LA STEPSON / GRANDCH BROTHER / BROTHER- FATHER / N FATHER-IN	JGHTER JW / DAUGHTI STEPDAUGH ILD / SISTER IN-LAW / SIST MOTHER -LAW / MOTH	TER ER-IN- LAW IER-IN-LAW	2 1 2 3 4 5 6	→A0.8			
	Are you the head of the household?	NO SPOUSE / I SON / DAU SON-IN-LA STEPSON / GRANDCHI BROTHER / BROTHER-I FATHER / N FATHER-IN OTHER FAN	JGHTER JW / DAUGHTI / STEPDAUGH ILD / SISTER IN-LAW / SIST MOTHER -LAW / MOTH MILY (SPECIFY	TER ER-IN- LAW IER-IN-LAW	2 1 2 3 4 5 6 7 8 9	→A0.8			
A0.7	Are you the head of the household? Relationship to the head of the household	NO SPOUSE / I SON / DAU SON-IN-LA STEPSON / GRANDCH BROTHER / BROTHER- FATHER / N FATHER-IN OTHER FAN OTHER (SP	JGHTER JW / DAUGHTI / STEPDAUGH ILD / SISTER IN-LAW / SIST MOTHER -LAW / MOTH MILY (SPECIFY	TER ER-IN- LAW IER-IN-LAW	2 1 2 3 4 5 6 7 8 9 10 888	→A0.8			
	Are you the head of the household? Relationship to the head of the household INTERVIEWER CHECKPOINT: Is the respondent	NO SPOUSE / I SON / DAU SON-IN-LA STEPSON / GRANDCH BROTHER / BROTHER-I FATHER-IN OTHER FAN OTHER (SP	JGHTER JW / DAUGHTI / STEPDAUGH ILD / SISTER IN-LAW / SIST MOTHER -LAW / MOTH MILY (SPECIFY	TER ER-IN- LAW IER-IN-LAW	2 1 2 3 4 5 6 7 8 9 10 888	→A0.8			
A0.7	Are you the head of the household? Relationship to the head of the household	NO SPOUSE / I SON / DAU SON-IN-LA STEPSON / GRANDCH BROTHER / BROTHER- FATHER / N FATHER-IN OTHER FAN OTHER (SP	JGHTER JW / DAUGHTI / STEPDAUGH ILD / SISTER IN-LAW / SIST MOTHER -LAW / MOTH MILY (SPECIFY	TER ER-IN- LAW IER-IN-LAW	2 1 2 3 4 5 6 7 8 9 10 888	→A0.8			

A1. HOUS	EHOLD ROSTER			
INTERVIEW	ER CHECKPOINT: ASK THE FOLLOWING QUESTIONS FO	OR THE MAIN RESPONDENT (I.E. THE AGRICULT	URAL DECISION M	IAKER).
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	CLASS 1	1	
	that you have completed?	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	
		OLD AGE EDUCATION	17	
		OTHER (specify)	888	
A1.4	What is your main occupation? (ONLY ONE	OWN FARM ACTIVITIES (inc. MILK SALES)	1	
	ANSWER)	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	
A1.9	Do you hold or have held in the past one year, any	YES	1	
	position of authority?	NO	2	→ A3.1
		DON'T KNOW	999	→ A3.1
A1.10	Which positions have you held (hold)?	LOCAL PANCHAYAT MEMBER	1	
		GP PRADHAN/DEPUTY SARPANCH	2	
		HIGHER PANCHAYAT MEMBER (TALUKA/ZILLA)	3	
		MEMBER OF ANY MANDAL / MANDALI		
		(EXCLUDING PANCHAYAT AND AGAKHAN)	4	
		MANTRI OF AN ORGANISATION (EXCEPT		
		PANCHAYAT AND AGAKHAN)	5	
		AGAKHAN MEMBER/MANTRI	6	
		OTHER (specify)	888	
		DON'T KNOW	999	

A3.1	From which sources did you make money from the start of the last Kharif season until now? How much? NOTE: Make sure the respondent gives INCOME, but if the respondent is not able to, then record profit and tick							
	profit box	Income or prof						
		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 (Diamond workers)	1	2	Rs.	1 2			
	6. Non-agri. enterprise (tea shop)/Petty Business	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. Gift/ Donation	1	2	Rs.	1 2			
	13. Other (specify)	1	2	Rs.	1 2			

A4. CELL PHONE USE

We are going to ask you some questions about your familiarity with using cellphones

INTERVIEWER CHECKPOINT: Please make sure that we are asking questions about the number and phone listed in 0.8A

A4.1	Are you the primary user of this cell phone?(i.e. do	Ves	1	→ A4.3
711.1		No	2	7714.5
A4.2	If not, who is the main user?	SPOUSE / PARTNER	1	
A4.2	ii not, who is the main user:	SON / DAUGHTER	2	
		SON-IN-LAW / DAUGHTER-IN-LAW	3	
			4	•
		STEPSON / STEPDAUGHTER GRANDCHILD	5	
			6	•
		BROTHER / SISTER	7	•
		BROTHER-IN-LAW / SISTER-IN- LAW	•	
		FATHER / MOTHER	8	1
		FATHER-IN-LAW / MOTHER-IN-LAW		
		OTHER FAMILY (SPECIFY)	10	-
0.4.2	Do you share use of this cellphone with others?	OTHER (SPECIFY)	888	
A4.3	Do you snare use of this celiphone with others?	Yes		
	Wile de la contra del contra de la contra del contra de la contra del la co	No	_	→ A4.5
A4.4	Who do you share your cellphone with?	SPOUSE / PARTNER	1	
		SON / DAUGHTER	2	
		SON-IN-LAW / DAUGHTER-IN-LAW	3	
		STEPSON / STEPDAUGHTER	4	
		GRANDCHILD	5	
		BROTHER / SISTER	6	
		BROTHER-IN-LAW / SISTER-IN- LAW	7	
		FATHER / MOTHER	8	
		FATHER-IN-LAW / MOTHER-IN-LAW	9	
		OTHER FAMILY (SPECIFY)	10	
		OTHER (SPECIFY)	888	
A4.5	Roughly, how much money do you spend on cellphone usage in 1 month?	Rs.		
A4.6	How long have you been using cellphones? (Note,		Month	
	this is not about this phone, but in general)		Year	
A4.7	Do you know how to send and receive text	Can send	1	
	messages?	Can receive	2	
		Can receive and send	3	1
		Can do neither	4	→ A4.10
A4.8	Do you know how to clear the inbox to make more	Yes	1	
	room for new messages?	No	2	1
A4.9	In which language can your cell-phone receive	Gujarati	1	
	messages? (MULTIPLE ANSWERS POSSIBLE)	Hindi	2	
		English	3	1
		Don't Know	999	1
A4.10	Do you personally know how to charge the cell	Yes	1	
	phone?	No	2	1

SECTION	B1 - AGGREGATE LANDHOLDINGS AND CONTRACT	UAL ST	RUCT	URE						
	INTERVIEWER NOTE: Fill out plot table on next	222	.∺I DI	at Status bafa	ro star	rtina				
	this section.	page un	IUI PI	ot Status beio	re star	ung				
B1.1	How much land do you own in total (this		I	Area	Unit					
	includes agricultural land as well as all other					а	b	g		
B1.2	land)? Do you presently own any cultivable land?	1. Yes		If yes,						
D1.2	bo you presently own any cultivable failu:	2. No		No of plots	Ar	ea		Uni	t	
		1	2				а	b	g	
B1.3	Did you own cultivable land last Kharif (2011)?	1	2				а	b	g	→ If no, then B1.5a
B1.4a	During the Last Kharif (2011) did you:	1. Yes 2. No		No of plo	ts	Area		Uni	t	you earn from these last 12 months?
	1. Rent out any land?	1	2				а	b	g	Rs
	2. Have someone sharecrop on your land?	1	2				а	b	g	Rs.(received)
	3. Pawn out any land?	1	2				а	b	g	Rs.(received)
B1.5a	During the Last Kharif (2011) did you:	1. Yes 2. No		No of plo	of plots Area			Uni	t	you earn from these last 12 months?
	1. Rent in any land?	1	2				а	b	g	Rs
	2. Sharecrop on someone's land?	1	2				а	b	g	Rs.(paid)Share of Output (paid) 1/4, 1/2, 2/3, 3/4 other [specify]
	3. Pawn in any land?						а	b	g	Rs.(paid)
	,	1	2						J	
B1.4b	During the Last Rabi did you :	1. Yes 2. No		No of plo	ts	Area		Uni	t	If yes: How much did you earn from these last 12 months?
	1. Rent out any land?	1	2				а	b	g	Rs
	2. Have someone sharecrop on your land?	1	2				a	b	g	Rs.(received)
	3. Pawn out any land?	1	2				а	b	g	Rs.(received)

B1.5b	During the Last Rabi did you :	1. Yes 2. No		No of plots	Area		Uni		If yes: How much did you earn from these last 12 months?
	1. Rent in any land?	1	2			2	h	σ.	Rs
	2. Sharecrop on someone's land?	1	2			a	b	g	Rs.(paid)Share of Output (paid) 1/4, 1/2, 2/3, 3/4 other [specify]
	3. Pawn in any land?	1	2			a	b	g	Rs.(paid)

SECTION B	2. HOUSEHOLD LANDH	OLDINGS	S AND PLO	T DETAILS											
												_			
					Soil Codes										
					1-Black soil		4-Loam S	oil	7-Salt-af	ffecte	ed soil				
					2-Medium Bla	ck soil	5-Hill Soil	l	888-oth	er (s	pecify)				
					3-Sandy Soil		6-Mixed	sand and bla	ick soil						
B2.1 Plot 7	Table								1						
	VER CHECKPOINT: Pleas I the Last Rabi (2011-12									in, sh	arecropped or p	awned in) during	g the Last Kharif		-
		Ar	rea [A]			If grown	n, record a	rea planted			Plot-wise Aggre	gate Input Expen	diture		
Plot No.	Address/Marker	Size	Unit	Plot Status	Plot Status			Cumin[F]					Fertilizer [I]	Seeds [J]	Soil [K]
	[O=old; N=new;		(A,B,G)	Kharif 2011	Rabi 2011-12	[D]	[E]		Irrigated	d - 2	[G2]				
	S=sold]			[B]	[C]				[G1]						
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			rea of all pl from the "s	ots (Add size" column)	Unit (A,B,G)										
					•										
INTERVIEV	VER CHECKPOINT: B2.2	= B1.3 +	B1.5a (1 +	· 2 + 3) + B1.5	b (1 + 2 + 3)?										_
	YES		1												
	NO		2												
	If not, Why?														

CTIO	N H. HARVEST									
	INTERVIEWER	READOUT: Nov	v we will ask you	about the crops	s vou grew durir	Ing last Kharif or I	Rabi			
			s for these crops	<u>.</u>						
1.0	Did you grow th	e any of the follo	wing crops in the L	AST KHARIF (2011 T	.) OR LAST RABI (2 T	(011-2012)? T				
	Crop [A]	Cult.? [B]	Date of Harvest (ww/mm) [C]	Qty. Harvested [D]	Unit [E] maund- 1, kilo-2, 3- quintal, 4-pula	Qty. Sold [F]	Unit [G] maund-1, kilo-2, 3-quintal, 4- pula	Price per unit [H]	Total Value of Output [I]	Date of Sale (mm/yy) [J]
1	Cotton	1 2	1. 2.		1 2 3 4		1 2 3 4			1. 2.
2	Castor	1 2	1. 2.		1 2 3 4		1 2 3 4			1. 2.
3	Wheat	1 2	1.		1 2 3 4		1 2 3 4			1. 2.
4	Cumin	1 2	1. 2.		1 2 3 4		1 2 3 4			1. 2.
5	Bajri	1 2	1. 2.		1 2 3 4		1 2 3 4			1. 2. 1.
6	Jowar	1 2	2.		1 2 3 4		1 2 3 4			2.
9	Sesame	1 2	2. 1.		1 2 3 4		1 2 3 4			2. 1.
	Pulses	1 2	2. 1.		1 2 3 4		1 2 3 4			2. 1.
	Vegetables	1 2	2. 1.		1 2 3 4		1 2 3 4			1.
	Corn Groundnut	1 2	2. 1. 2.		1 2 3 4		1 2 3 4			 1. 2.
	Rajko	1 2	1. 2.		1 2 3 4		1 2 3 4			1.
	Other 1		1. 2.		1 2 3 4		1 2 3 4			1. 2.
16	Other 2		1. 2.		1 2 3 4		1 2 3 4			1. 2.

SECTION I	(1: AGRICULTURAL INFORMATION			
	INTERVIEWER NOTE: Do not mention Avaaj Otalo l	by name in these sections as an opti	on.	
	INTERVIEWER NOTE: Use the ladder scale provided	d to rate trust in information sources	s. A rating of 1	
	means least trustworthy whereas a rating of 10 me	eans most trustworthy.		

Frequency Code	
1 - Once a week	6 - More than twice a month
2 - Twice a week	7 - Less than twice a month
3 - More than twice a week	8 - Once a season
4 - Once a month	9 - Never (did not meet)
5 - Twice a month	

K1.1	RCES				
	Have you ever received agricultural advice from a	YES		1	
	government extension worker?	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	Yes - 1, No - 2	Trust in	Frequency	Quality of
	agricultural decisions? (NOTE: Ask respondent		Source (Score	Code (at start	information
	about every source.)		from 1 to 10)	of section)	received
					(Score from
					10)
	1. Past experience	1 2			
	2. TV program	1 2			
	Others	Name (Use code)			
	3. Cell phone based information	1 2			
	Others	Name(Use code)			
	4. Newspaper / magazines	1 2			
	Others	Name (Use Code)			
	5. Government extension worker	1 2			
	6. NGO	1 2			
	Others	Name (Use code)			
	7. Other farmers	1 2			
	8. Agro shop	1 2			
	9. Trader / Commission Agent	1 2			
	10. Radio (also include Gam No Choro for this answ	1 2			
	11. Krushi Mela/Krushi Rath	1 2			
	888. Other	Specify			
	999. Don't know	-1/			
K1.4	Of these sources in K1.3, what are your top two				
	sources for agricultural information?	Information Source	Code		
	(READOUT: these can be media or persons)	FIRST			
		SECOND			
	NOW WE WILL GET MORE SPECIFIC ABOUT DIFFER	SECOND			
	NOW WE WILL GET MORE SPECIFIC ABOUT DIFFER	SECOND ENT AGRICULTURAL INFORMATION.			
K1.5	What is your most important information	SECOND ENT AGRICULTURAL INFORMATION. TOPIC		SOURCE	
K1.5	What is your most important information source regarding:	SECOND ENT AGRICULTURAL INFORMATION. TOPIC Crop decision		SOURCE	
K1.5	What is your most important information	SECOND ENT AGRICULTURAL INFORMATION. TOPIC		SOURCE	
K1.5	What is your most important information source regarding:	SECOND ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds		SOURCE	
K1.5	What is your most important information source regarding:	SECOND ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers		SOURCE	
K1.5	What is your most important information source regarding:	SECOND ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds		SOURCE	
К1.5	What is your most important information source regarding:	SECOND ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers		SOURCE	
K1.5	What is your most important information source regarding:	ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification		SOURCE	
K1.5	What is your most important information source regarding:	ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification Pesticide usage		SOURCE	
K1.5	What is your most important information source regarding:	SECOND ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification Pesticide usage Irrigation		SOURCE	
K1.5	What is your most important information source regarding:	SECOND ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification Pesticide usage Irrigation Weather		SOURCE	
K1.5	What is your most important information source regarding:	SECOND ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification Pesticide usage Irrigation Weather Harvesting Prices		SOURCE	
К1.5	What is your most important information source regarding:	ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification Pesticide usage Irrigation Weather Harvesting Prices Storage/Selling		SOURCE	
K1.5	What is your most important information source regarding:	ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification Pesticide usage Irrigation Weather Harvesting Prices Storage/Selling Animal Husbandry		SOURCE	
	What is your most important information source regarding: (USE SOURCE CODE or options in K1.3)	ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification Pesticide usage Irrigation Weather Harvesting Prices Storage/Selling Animal Husbandry Other (Specify)		SOURCE	
K1.5	What is your most important information source regarding:	ENT AGRICULTURAL INFORMATION. TOPIC Crop decision Soil/field preparation Seeds Fertilizers Pest identification Pesticide usage Irrigation Weather Harvesting Prices Storage/Selling Animal Husbandry			

K1.7	When was the last time you attended an	MONTH:	
	agricultural demonstration in the past year?	YEAR:	
		NEVER	666
		DON'T KNOW	999
K1.8	Which organization or group conducted these	Government Krushi Mela	1
	demonstrations or training in the past year?	Gram Sevak	2
	(CIRCLE ALL THAT APPLY- DO NOT PROMPT)	CMF/DSC/Sajjata Sangh/AKRSP	3
		AO	4
		Other NGO	5
		Name of NGO:	
		Agricultural University	6
		Private company	7
		Other	888
K1.9	How would you rate your own knowledge about	Very low	1
	agriculture on a scale of 1 to 5, 1 being very low	Low	2
	and 5 being very high?	Medium	3
		High	4
		Very high	5
		Decline to answer	777
K1.91	How would rate your own knowledge about	Very low	1
	pesticides and pest and pest management on a	Low	2
	scale of 1 to 5, 1 being very low and 5 being very	Medium	3
	high?	High	4
		Very high	5
		Decline to answer	777
K1.92	How would you rate your own knowledge about	Very low	1
	fertlizers on a scale of 1 to 5, 1 being very low and	Low	2
	5 being very high?	Medium	3
		High	4
		Very high	5
		Decline to answer	777
K1.10	Are there aspects of your agriculture where you	YES	1
		NO	2
		DON'T KNOW	999

SECTION K	2: NETWORKS AND INFORMATION SOURCES				
	INTERVIEWED NOTE: Do not monthly Aveci Otale by yours in		•		
	INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in	1 these sections as an opt	ion.		
K2 Informa	ation Sharing and Networks			_	_
K2.1	Do you use your cellphone to talk to fellow farmers about	YES		1	
	agriculture?	NO		2	
K2.2	Provide the names and phone numbers of three fellow	PERSON 1:		_	ID:
	farmers you talk to MOST FREQUENTLY about agriculture.	CELL PHONE: Y / N	NO:		
	(INTERVIEWER NOTE: Please record name in the following	PERSON 2:			ID:
	manner: CASTE/FIRST/LAST. If the farmer does not have a	CELL PHONE: Y / N	NO:		
	number, ask whether the friend has a phone or not.)	PERSON 3:			ID:
		CELL PHONE: Y / N	NO:		
	INTERVIEWER: MATCH FRIEND NAMES WITH RESPONDENT L	IST AND RECORD ID IF MA	ATCHED.		
PERSON 1:					
K2.31.1	Usually, during the Kharif or the Rabi season how often did	ONCE A WEEK		1	
	you talk to this friend in a month?	TWICE A WEEK		2	
		MORE THAN TWICE A	WEEK	3	
		ONCE A MONTH		4	
		TWICE A MONTH		5]
		MORE THAN TWICE A		6	
		LESS THAN ONCE A M	ONTH	7	
		ONCE A SEASON		8	
		NEVER-DID NOT MEET	<u> </u>	9	
K2.31.2	Is this person a village or a plot neighbour?	VILLAGE NEIGHBOUR		1	
	(MULTIPLE ANSWERS POSSIBLE.)	PLOT NEIGHBOUR		2	
K2.31.3	What is your relationship to this person?	NEITHER		3	
K2.31.3	what is your relationship to this person?	Relative Farmer friend in own	villago	1 2	
		Farmer friend in differ	_	3	
		DON'T KNOW	ent village	999	
K2.31.4	How far does this person live from you?	Neighbour		1	
N210211	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0- 2 kms in same villag	7P	2	
		2 - 5 kms in same villa		3	
		5 - 10 kms in same vill		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:	Neighbour		1	
	Take that plot where the farmers meet or have the highest	0- 2 kms in same villag	ge	2	
	likelihood of meeting most frequently.)	2 - 5 kms in same villa	ge	3	
		5 - 10 kms in same vill	age	4	
		In a different village		5	
		Other (specify)		888	
		DON'T KNOW		999	ļ
K2.31.6	Do you normally talk to this person about agriculture over	IN PERSON		1	
	the phone or in person?	ON PHONE		2	→ K2.31.81
		BOTH, PHONE AND IN	PERSON	3	
K2.31.71	Where do you normally meet this friend to	YOUR HOUSE		1	4
	discuss agricultural information?	FRIEND'S HOUSE		2	-
		YOUR FARM PLOT		3	-
		FRIEND'S FARM PLOT	CATION	4	-
		VILLAGE CENTRAL LOC	AHUN	5	-
V2 21 72	Have you gone to this friend's house or farm specifically to	OTHER		888	
K2.31.72	discuss agricultural topics?	YES NO		2	
K2.31.73	Has this friend come to YOUR house or farm specifically to	YES		1	
	discuss agricultural topics?	NO		2	
					1

K2.31.81	Have you given any agricultural information to this friend	YES	1	
	during the last Kharif or Rabi?	NO	2	→ K2.31.83
		DON'T KNOW	999	→ K2.31.83
K2.31.82	If yes, on what topics? (MULTIPLE ANSWERS POSSIBLE)	Crop Decision	1	
		Field/soil preparation	2	
		Seeds	3	
		Fertilizers	4	
		Pests and Pesticides	5	
		Irrigation	6	
		Weather	7	
		Harvesting	8	
		Other (specify)	888	
K2.31.83	Have you received any agricultural information from this	YES	1	
	friend during the last Kharif or Rabi?	NO	2	→ K2.31.85
		DON'T KNOW	999	→ K2.31.85
K2.31.84	If yes, on what topics? (MULTIPLE ANSWERS POSSIBLE)	Crop Decision	1	
		Field/soil preparation	2	
		Seeds	3	
		Fertilizers	4	
		Pests and Pesticides	5	
		Irrigation	6	
		Weather	7	
		Harvesting	8	
		Other (specify)	888	
K2.31.85	Did you learn any new information about agriculture from	YES	1	
	observing the field of this friend during the last kharif or	NO	2	→ K2.31.9
	Rabi?	DON'T KNOW	999	→ K2.31.9
K2.31.86	If yes, what did you observe? (MULTIPLE ANSWERS POSSIBLE)	Crop Decision	1	
		Field/soil preparation	2	
		Seeds	3	
		Fertilizers	4	
		Pests and Pesticides	5	
		Irrigation	6	
		Other (specify)	888	
	NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PER.	SON'S AGRICULTURAL PRACTICES.		
	ANSWER TO THE BEST OF YOUR KNOWLEDGE.			
K2.31.9	Did this friend grow cotton during Kharif 2011?	YES	1	
		NO	2	
		DON'T KNOW	999	
K2.31.11.1	During the last Kharif or Rabi, did you recommend	YES	1	
	any inputs to this friend?	NO	2	→K2.31.13
		DON'T KNOW	999	→K2.31.13
K2.31.11.2	What were these inputs?	Chemical Fertilizer	1 2	
		Name:		
	(MULTIPLE ANSWERS POSSIBLE)	Name:		
	(1 = YES, 2 = NO)	Pesticide	1 2]
		Name:]
				-
	(Use codes from the cde sheet)	Name:		_
	(Use codes from the cde sheet)	Name: Different seed variety	1 2	
	(Use codes from the cde sheet)		1 2	<u> </u>
	(Use codes from the cde sheet)	Different seed variety	1 2	
	(Use codes from the cde sheet)	Different seed variety Name:	1 2	
	(Use codes from the cde sheet)	Different seed variety Name: Name: Other (Please specify)		
	(Use codes from the cde sheet)	Different seed variety Name: Name:		
K2.31.13	(Use codes from the cde sheet) How would you rate this person's	Different seed variety Name: Name: Other (Please specify)	888	
K2.31.13		Different seed variety Name: Name: Other (Please specify) DON'T KNOW	888	
K2.31.13	How would you rate this person's	Different seed variety Name: Name: Other (Please specify) DON'T KNOW Very low	999 1	

		Very high	5	I
K2.31.14	How would rate this person's knowledge about pesticides	Very low	1	
	and pest and pest management on a scale of 1 to 5, 1 being	Low	2	
	very low and 5 being very high?	Medium	3	
		High	4	
		Very high	5	
K2.31.15	How would rate this person's knowledge about fertilizers on a	-	1	
	scale of 1 to 5, 1 being very low and 5 being very high?	Low Medium	2	
		High	3 4	
		Very high	5	
PERSON 2:		, ,		
K2.32.1	Usually, during the Kharif or the Rabi season how often did	ONCE A WEEK	1	
	you talk to this friend in a month?	TWICE A WEEK	2	
		MORE THAN TWICE A WEEK ONCE A MONTH	3 4	
		TWICE A MONTH	5	
		MORE THAN TWICE A MONTH	6	
		LESS THAN ONCE A MONTH	7	
		ONCE A SEASON	8	
		NEVER-DID NOT MEET	9	
K2.32.2	Is this person a village or a plot neighbour?	VILLAGE NEIGHBOUR	1	
	(MULTIPLE ANSWERS POSSIBLE.)	PLOT NEIGHBOUR	2	
		NEITHER	3	
K2.32.3	What is your relationship to this person?	Relative	1	
		Farmer friend in own village	2	
		Farmer friend in different village	3	
		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 highest	Neighbour	1	
	likelihood of meeting most frequently.)	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	

W2 22 C	Do you normally talk to this person about agriculture over	IN DEDCON		
K2.32.6	the phone or in person?	IN PERSON	1	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
		ON PHONE	2	→K2.32.81
1/2 22 74	will be a selected to	BOTH, PHONE AND IN PERSON	3	
K2.32.71	Where do you normally meet this friend to	YOUR HOUSE	1	1
	discuss agricultural information?	FRIEND'S HOUSE YOUR FARM PLOT	2	
			3	
		FRIEND'S FARM PLOT	4	
		VILLAGE CENTRAL LOCATION	5	
	Have you gone to this friend's house or farm specifically to	OTHER	888	
K2.32.72	discuss agricultural topics?	YES	1	
	Has this friend come to YOUR house or farm specifically to	NO	2	
K2.32.73	discuss agricultural topics?	YES	1	
	Have you given any agricultural information to this friend	NO	2	
K2.32.81	during the last Kharif or Rabi?	YES	1	
		NO	2	→K2.32.83
	If yes, on what topics?	DON'T KNOW	999	→K2.32.83
K2.32.82	ii yes, oii what topics:	Crop Decision	1	
		Field/soil preparation	2	
		Seeds	3	
		Fertilizers	4	
		Pests and Pesticides	5	
		Irrigation	6	
		Weather	7	
		Harvesting	8	
		Other (specify)	888	
K2.32.83	Have you received any agricultural information from this friend during the last Kharif or Rabi?	YES	1	
	mend during the last kharii of Kash:	NO	2	→K2.32.85
		DON'T KNOW	999	→K2.32.85
K2.32.84	If yes, on what topics?	Crop Decision	1	
		Field/soil preparation	2	
		Seeds	3	
		Fertilizers	4	
		Pests and Pesticides	5	
		Irrigation	6	
		Weather	7	
		Harvesting	8	
		Other (specify)	888	
K2.32.85	Did you learn any new information about agriculture from	YES	1	
	observing the field of this friend during the last kharif or Rabi?	NO	2	→K2.32.9
		DON'T KNOW	999	→K2.32.9
K2.32.86	If yes, what did you observe?	Crop Decision	1	
		Field/soil preparation	2	
		Seeds	3	
		1		

		Fertilizers Fertilizers	4	
		Pests and Pesticides	5	
		Irrigation	6	
		Other (specify)	888	
	NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PER			
	ANSWER TO THE BEST OF YOUR KNOWLEDGE.			
K2.32.9	Did this friend grow cotton during Kharif 2011?	YES	1	
	ğ ğ	NO	2	
		DON'T KNOW	999	1
K2.32.11.1	During the last Kharif or Rabi, did you recommend	YES	1	
	any inputs to this friend?	NO	2	→K2.32.13
	, ,	DON'T KNOW	999	→K2.32.13
K2.32.11.2	What were these inputs?	Chemical Fertilizer	1 2	
	·	Name:	•	
	(MULTIPLE ANSWERS POSSIBLE)	Name:		1
	(1 = YES, 2 = NO)	Pesticide	1 2	
	, ,	Name:		
	(Use codes from the cde sheet)	Name:		
	,	Different seed variety	1 2	
		Name:	•	1
		Name:		1
		Other (Please specify)	888	
				1
		DON'T KNOW	999	1
K2.32.13	How would you rate this person's	Very low	1	
	knowledge about agriculture on a scale	Low	2	
	of 1 to 5, 1 being very low and 5 being	Medium	3	
	very high?	High	4	
		Very high	5	
K2.32.14	How would rate this person's knowledge about pesticides	Very low	1	
	and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very high?	Low	2]
	, , , , , ,	Medium	3	
		High	4]
		Very high	5	
K2.32.15	How would rate this person's knowledge about fertilizers on a		1	
	scale of 1 to 5, 1 being very low and 5 being very high?	Low	2]
		Medium	3	
		High	4	
		Very high	5	
PERSON 3:				
K2.33.1	Usually, during the Kharif or the Rabi season how often did	ONCE A WEEK	1	
	you talk to this friend in a month?	TWICE A WEEK	2	
		MORE THAN TWICE A WEEK	3	

		ONCE A MONTH	T 4	
		TWICE A MONTH	5	
		MORE THAN TWICE A MONTH	6	
		LESS THAN ONCE A MONTH	7	
		ONCE A SEASON	8	
		NEVER-DID NOT MEET	9	
K2.33.2	Is this person a village or a plot neighbour?	VILLAGE NEIGHBOUR	1	
	(MULTIPLE ANSWERS POSSIBLE.)	PLOT NEIGHBOUR	2	
	,	NEITHER	3	
K2.33.3	What is your relationship to this person?	Relative	1	
		Farmer friend in own village	2	
		Farmer friend in different village	3	
		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 highest	Neighbour	1	
	likelihood of meeting most frequently.)	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 over the phone or in person?	IN PERSON	1	
	p	ON PHONE	2	→K2.33.81
		BOTH, PHONE AND IN PERSON	3	
K2.33.71	Where do you normally meet this friend to	YOUR HOUSE	1	
	discuss agricultural information?	FRIEND'S HOUSE	2	
		YOUR FARM PLOT	3	
		FRIEND'S FARM PLOT	4	
		VILLAGE CENTRAL LOCATION	5	
	Harris and the first that the first	OTHER	888	
K2.33.72	Have you gone to this friend's house or farm specifically to discuss agricultural topics?	YES	1	
		NO	2	
K2.33.73	Has this friend come to YOUR house or farm specifically to discuss agricultural topics?	YES	1	
		NO	2	

YES		Have you given any agricultural information to this friend	1	1	
NO	K2.33.81		YES	1	
RZ.33.82 If yes, on what topics?			NO	2	→K2.33.83
R2.33.82 Clop Decision 2			DON'T KNOW	999	→K2.33.83
Name	K2.33.82	If yes, on what topics?	Crop Decision	1	
Fertilizers			Field/soil preparation	2	
Pests and Pesticides 5 Irrigation 6 Weather 7 Harvesting 8 8 Other (specify) 888			Seeds	3	
Irrigation			Fertilizers	4	
Weather			Pests and Pesticides	5	
Harvesting			Irrigation	6	
No			Weather	7	
NZ.33.83			Harvesting	8	
Triend during the last Kharif or Rabi? 1			Other (specify)	888	
NO	K2.33.83		YES	1	
K2.33.84 If yes, on what topics?		mend during the last kharii or kabi:	NO	2	→K2.33.85
Crop Decision 1			DON'T KNOW	999	→K2.33.85
Seeds 3 Fertilizers 4 Pests and Pesticides 5 Irrigation 6 Weather 7 Harvesting 8 8 Pests and Pesticides 5 Pests and Pesticides 5 Pests and Pesticides 7 Pests and Pesticides 7 Pests and Pesticides 7 Pests and Pesticides 7 Pests and Pesticides 8 Pests and Pesticides 7 Pests and Pestici	K2.33.84	If yes, on what topics?	Crop Decision	1	
Fertilizers			Field/soil preparation	2	
Pests and Pesticides 5			Seeds	3	
Irrigation 6 Weather 7 Harvesting 8 8 8 8 8 8 8			Fertilizers	4	
Weather			Pests and Pesticides	5	
Harvesting			Irrigation	6	
Cother (specify) Same			Weather	7	
NO PRODUCT			Harvesting	8	
observing the field of this friend during the last kharif or Rabi? NO DON'T KNOW 999 → K2.33.9 K2.33.86 If yes, what did you observe? Crop Decision Field/soil preparation Seeds Fertilizers 4 Pests and Pesticides Irrigation Other (specify) 888 NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. K2.33.9 Did this friend grow cotton during Kharif 2011? YES 1 NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 → K2.31.13			Other (specify)	888	
Rabi? NO 2 →K2.33.9 DON'T KNOW 999 →K2.33.9 Crop Decision 1 Field/soil preparation 2 Seeds 3 Fertilizers 4 Pests and Pesticides 5 Irrigation 6 Other (specify) 888 NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. YES 1 NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? 1 NO 2 →K2.31.13 DON'T KNOW 999 →K2.31.13	K2.33.85		YES	1	
K2.33.86 If yes, what did you observe? Crop Decision 1 Field/soil preparation 2 Seeds 3 Fertilizers 4 Pests and Pesticides 5 Irrigation 6 Other (specify) 888 NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. YES NO 2 Don't KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? YES 1 NO 2 →K2.31.13 DON'T KNOW 999 →K2.31.13			NO	2	→K2.33.9
RZ.33.86 Crop becision 1			DON'T KNOW	999	→K2.33.9
Seeds Fertilizers Pests and Pesticides Firrigation Other (specify) NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. K2.33.9 Did this friend grow cotton during Kharif 2011? YES 1 NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 NO 2 DON'T KNOW 999 K2.31.13	K2.33.86	If yes, what did you observe?	Crop Decision	1	
Fertilizers Pests and Pesticides Irrigation Other (specify) 888 NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. K2.33.9 Did this friend grow cotton during Kharif 2011? YES 1 NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 →K2.31.13 DON'T KNOW 999 →K2.31.13			Field/soil preparation	2	
Pests and Pesticides Irrigation Other (specify) NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. K2.33.9 Did this friend grow cotton during Kharif 2011? YES DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 >K2.33.11.1 DON'T KNOW 999 >K2.31.13			Seeds	3	
Irrigation 6 Other (specify) 888 NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. K2.33.9 Did this friend grow cotton during Kharif 2011? YES 1 NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 ->K2.31.13 DON'T KNOW 999 ->K2.31.13			Fertilizers	4	
NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. K2.33.9 Did this friend grow cotton during Kharif 2011? NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 → K2.31.13 DON'T KNOW 999 → K2.31.13			Pests and Pesticides	5	
NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PERSON'S AGRICULTURAL PRACTICES. ANSWER TO THE BEST OF YOUR KNOWLEDGE. K2.33.9 Did this friend grow cotton during Kharif 2011? NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 → K2.31.13 DON'T KNOW 999 → K2.31.13			Irrigation	6	
ANSWER TO THE BEST OF YOUR KNOWLEDGE. K2.33.9 Did this friend grow cotton during Kharif 2011? YES NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 NO 2 NO 2 NO 3 NO 4 NO 5 NO 7 NO 7 NO 7 NO 999 AK2.31.13			Other (specify)	888	
K2.33.9 Did this friend grow cotton during Kharif 2011? YES 1 NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? YES 1 NO 2 →K2.31.13 DON'T KNOW 999 →K2.31.13		NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT THIS PER	RSON'S AGRICULTURAL PRACTICES.		
NO 2 DON'T KNOW 999 K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? NO 2 DON'T KNOW 999 YES 1 NO 2 NO 2 NO 2 NO 999 → K2.31.13		ANSWER TO THE BEST OF YOUR KNOWLEDGE.			
K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	K2.33.9	Did this friend grow cotton during Kharif 2011?	YES	1	
K2.33.11.1 During the last Kharif or Rabi, did you recommend any inputs to this friend? YES 1 NO 2 →K2.31.13 DON'T KNOW 999 →K2.31.13			NO	2	
any inputs to this friend? NO $ \begin{array}{c} 1 \\ NO \end{array} $ $ \begin{array}{c} 1 \\ NO \end{array} $ $ \begin{array}{c} 2 \\ DON'T KNOW $ $ \begin{array}{c} 999 \\ \rightarrow K2.31.13 \end{array} $			DON'T KNOW	999	
DON'T KNOW 999 →K2.31.13	K2.33.11.1	During the last Kharif or Rabi, did you recommend	YES	1	
V2 22 44 2		any inputs to this friend?	NO	2	→K2.31.13
K2.33.11.2 What were these inputs? Chemical Fertilizer 1 2			DON'T KNOW	999	→K2.31.13
	K2.33.11.2	What were these inputs?	Chemical Fertilizer	1 2	

]
	(ANULTIDUE ANGLYEDG DOCCIDUE)	Name:		
	(MULTIPLE ANSWERS POSSIBLE)	Name:		
	(1 = YES, 2 = NO)	Pesticide	1 2	
		Name:		
	(Use codes from the cde sheet)	Name:	Т	
		Different seed variety	1 2	
		Name:		
		Name:		
		Other (Please specify)	888	
		DON'T KNOW	999	
K2.33.13	How would you rate this person's	Very low	1	
	knowledge about agriculture on a scale	Low	2	
	of 1 to 5, 1 being very low and 5 being	Medium	3	
	very high?	High	4	
		Very high	5	
K2.33.14	How would rate this person's knowledge about pesticides and pest and pest management on a scale of 1 to 5, 1 being	Very low	1	
	very low and 5 being very high?	Low	2	
		Medium	3	
		High	4	
		Very high	5	
K2.33.15	How would rate this person's knowledge about fertlizers on a	Very low	1	
	scale of 1 to 5, 1 being very low and 5 being very high?	Low	2	
		Medium	3	
		High	4	
		Very high	5	

INTERVIEWER CHECKPOINT: PLEASE FILL THIS IN BEFORE FILLING IN SECTION	Household ID:					

O Usage	WE WILL NOW ASK YOU SOME QUESTIONS ABOUT THE ADVIC	E YOU RECEIVE ON AO.		
A5.10	Have you received any information from AO that is of interest	Yes		
.5.10	to you?	No		→D
A5.11	Which two topics of information on AO were you most	Seeds	1	
AJ.11	interested in?	Fertilizer Usage	2	4
	interested in r	Pesticide Usage		
	TODIO 4 I I I	ŭ	3	
	TOPIC 1: dropdown	Irrigation Usage	4	4
	TOPIC 2: dropdown	Weather Information	5	4
		Harvesting Practices	6	1
		Did not find any information useful	7	→D
		Did not receive any information	8	→D
		Pest and Diseases Identification	9	
		Field preparation/Sowing	10	
		OTHER (SPECIFY)	888	
	Mention the first piece of information for the questions below	- · · · · · · · · · · · · · · · · · · ·		
A5.21	Did you follow any advice/adopt any	YES	1	→A5.41
AJ.21	, , , , ,	NO NO	2	1
A.F. 04	practice suggested by this information?			
A5.31	Why have you not followed any advice	LACK OF MONEY		→A5.22
	given to you by AO?	INPUT INAVAILABILITY IN MARKET		→A5.22
	multiple possible, no prompting	DID NOT TRUST INFORMATION	3	→A5.22
		INAPPROPRIATE TIMING	4	→A5.22
		FRIENDS DON'T USE IT	5	→A5.22
		WATER UNAVAILABLE		→A5.22
		DIDN'T NEED NEW INFORMATION- FOLLOWS		→A5.22
		DID NOT UNDERSTAND INFORMATION		→A5.22
		POOR QUALITY OF INFORMATION		→A5.22
	Miles de la companya della companya della companya della companya de la companya della companya	OTHER (SPECIFY)	888	→A5.22
A5.41	What were the main reasons why you decided to follow this advice / adopt this practice? (RECORD VERBATIM)			
A5.51	Of the following reasons, which do you think was the most	Trust in AO information	1	İ
, 10.02	important factor to you in following advice or adopting this	Because inputs were easily available	2	4
	practice? (READ OUT ALL CHOICES)	Recommended by Friends / Others were doing	3	1
	practice: (NEAD OUT ALE CHOICES)			1
		Better information than other sources	4	4
		Easy to understand	5	
		Received new information (didn't know before)	6	
		Low cost to implement	7	
		DON'T KNOW	999	<u> </u>
A5.61	Did this advice result in you purchasing any inputs or other	YES	1	
	items?	NO	2	→A5.22
		DON'T KNOW		→A5.22
A5.71	If yes, what did you buy?	FERTILIZER	1	
A3.71	ii yes, wilat did you buy:			
		Name:		
		PESTICIDE	2	
		Name:		
		BIOLOGICAL PEST CONTROL	3	
		Name:		1
		SEEDS	4	1
		Name:	•	1
		OTHER (SPECIFY)	888	1
	Mention the second piece of information for the questions had		000	
AF 22	Mention the second piece of information for the questions bell		-	\AF 42
A5.22	Did you follow any advice/adopt any	YES		→A5.42
	practice suggested by this information?	NO	2	1
A5.32	Why have you not followed any advice	LACK OF MONEY		→D
	given to you by AO?	INPUT INAVAILABILITY IN MARKET	2	→D
	multiple possible, no prompting	DID NOT TRUST INFORMATION	3	→D
		INAPPROPRIATE TIMING		→D
		FRIENDS DON'T USE IT		→D
		WATER UNAVAILABLE		→D
				4
		DIDN'T NEED NEW INFORMATION- FOLLOWS	7	4
		DID NOT UNDERSTAND INFORMATION		→D
		POOR QUALITY OF INFORMATION		→D
		OTHER (CRECIEV)	888	→D
		OTHER (SPECIFY)		
A5.42	What were the main reasons why you decided to follow this advice / adopt this practice? (RECORD VERBATIM)	OTHER (SPECIFY)		
A5.42 A5.52	advice / adopt this practice? (RECORD VERBATIM)		1	
A5.42 A5.52	advice / adopt this practice? (RECORD VERBATIM) Of the following reasons, which do you think was the most	Trust in AO information	1	4
	advice / adopt this practice? (RECORD VERBATIM) Of the following reasons, which do you think was the most important factor in following advice or adopting this practice?	Trust in AO information Because inputs were easily available	1 2	4
	advice / adopt this practice? (RECORD VERBATIM) Of the following reasons, which do you think was the most	Trust in AO information Because inputs were easily available Recommended by Friends / Others were doing	2	
	advice / adopt this practice? (RECORD VERBATIM) Of the following reasons, which do you think was the most important factor in following advice or adopting this practice?	Trust in AO information Because inputs were easily available Recommended by Friends / Others were doing the same	2	
	advice / adopt this practice? (RECORD VERBATIM) Of the following reasons, which do you think was the most important factor in following advice or adopting this practice?	Trust in AO information Because inputs were easily available Recommended by Friends / Others were doing	3 4	
	advice / adopt this practice? (RECORD VERBATIM) Of the following reasons, which do you think was the most important factor in following advice or adopting this practice?	Trust in AO information Because inputs were easily available Recommended by Friends / Others were doing the same	2	
	advice / adopt this practice? (RECORD VERBATIM) Of the following reasons, which do you think was the most important factor in following advice or adopting this practice?	Trust in AO information Because inputs were easily available Recommended by Friends / Others were doing the same Better information than other sources	3 4	
	advice / adopt this practice? (RECORD VERBATIM) Of the following reasons, which do you think was the most important factor in following advice or adopting this practice?	Trust in AO information Because inputs were easily available Recommended by Friends / Others were doing the same Better information than other sources Easy to understand	3 4 5	

A5.62	Did this advice result in you purchasing any inputs or other	YES	1	
	items?	NO	2	→D
		DON'T KNOW	999	→D
A5.72	If yes, what did you buy?	FERTILIZER	1	
		Name:(Use Code)		
		PESTICIDE	2	
		Name:(Use Code)		
		BIOLOGICAL PEST CONTROL	3	
		Name:		
		SEEDS	4	
		Name:(Use Code)	_	
		OTHER (SPECIFY)	888	

	: KNOWLEDGE INDEX			
	INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in these se	ections as an option.		
	Do not read out any of the choices for any of the questions in this sec	tion, only ask the respondent the question and record		
	the answer			
	INTERVIEWER READOUT: We will now ask you some questions about	agriculture.		
	The first set of questions will be general in nature, while the second s	et of questions		
	will be specific to crops. Answer to the best of your knowledge.			
. Genera	ı			
	INTERVIEWER CHECKPOINT:DO NOT PROMPT OR READ OUT CHOICES	FOR FOLLOWING QUESTIONS		
D1.2k	Which essential plant nutrients does UREA contain?	Nitrogen	1	
	·	Phosphorus	2	
		Potash	3	
		Other	888	
		DON'T KNOW	999	
D1.3k	Which is the BEST fertilizer for adding phosphorus in the soil?	DAP/SSP	1	
DIISK		12-32-16, 20-20-20 grade	2	
	l l	Other	888	
		DON'T KNOW	999	
D1.3kc	If you had the option of using 50 kg (1 bag) of DAP or 50kg (1	DAP/SSP	1	
	bag) of 20-20-20, which of the two would you use to add	20-20-20 grade	2	
	phosphorous to soil?	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	
D1.4kc	If you had the option of using 50 kg (1 bag) of Murate of Potash	Murate of Potash (MoP)	1	
	or 50 kg (1 bag) of 12-32-16 , which of the two would you use to	12-32-16 grade	2	
	add potash to soil?	Other	888	
		DON'T KNOW	999	
D1.5k	Which is the BEST fertilizer for adding sulphur in the soil?	The state of the s		

Other DON'T KNOW

Other

Sulphur Fertilizer

Doesn't matter - Either one

DON'T KNOW

Powder form

Liquid form

Don't Know

Ammonium Sulphate/SSP/Gypsum/Chirodi Sulphur Fertilizer

Ammonium Sulphate/SSP/Gypsum/Chirodi

888

999

888

999

1

2

999

Sulphate/SSP/Gypsum/Chirodi or 50 kg of Sulphur fertlizer

When mixing pesticide in the pump, which type of concentrate, POWDER OR LIQUID, should you add first?

,which of the two would you use to add sulphur to soil?

If you had the option of using 50 kg of Ammonium

D1.5kc

E10_2

D2. Crop-Sp	ecific Knowledge Questions						
	NOW WE WILL ASK YOU QUESTIONS ABOUT THE BEST AGRICULT	URAL PRACTICES OF COTTON					
	AND/ OR CASTOR. PLEASE ANSWER THESE TO THE BEST OF YOUR KNOWLEDGE.						
	INTERVIEWER CHECKPOINT: Does this	YES	1				
	farmer grow cotton?	NO	2	→D22			
	 INTERVIEWER CHECKPOINT:DO NOT PROMPT OR READ OUT CHOICE	S FOR FOLLOWING QUESTIONS					
D21. COTTO	DN						
E2_2	What type of pests does BT cotton provide resistance against?	Boll worms	1				
		All pest and diseases	2				
		Sucking pests	3				
		Any Other (Specify)	888				
		Don't Know	999				
D21.3a	Do you know what a pheromone trap is?	YES	1				
		NO	2	→E8_1			
D21.3k	What is the use of a pheromone trap in agriculture?	Pest Control	1				
		Other	888				
		DON'T KNOW	999				
E8_1	After Flowering stage, which type of fertilizers are advised to	Micronutrient Fertilizer-Zink,Boron	1				
	spray to stop the falling of flower buds and for good	Urea/DAP	2				
	development of balls?	Other (Specify)	888				
		Don't Know	999				
E6_1	In the flowering stage spraying of which fertilizer is highly	Urea, 20-20-20, 13-0-45 grade	1				
	advisable to stop yellowing of plants and to increase	DAP	2				
	production?	Other (Specify)	888				
		Don't Know	999	1			

e1_P	Monocrotophos pesticide is primarily intended to control which	Ball worms - Heliothis/Spottel Ball warm	1	
GT_L	pests:	Sucking pest -Whitefly/Molo/Aphid/Jassid/Thrips	2	
	ρεσισ.	All pest and diseases	3	
		Don't know	999	
e2_P	Have you heard of Imida/confidor/tatamida/imidagold?	YES	1	
C2_1	Trave you heard or initial/continuor/tatamida/initialgola:	NO NO	2	→e4_P
e3_P	Imidacloprid/Confidor/Tatamida/Imidagold pesticide is primarily	Sucking pest -Whitefly/Molo/Aphid/Jassid/Thrips	1	/64 <u>_</u> r
es_r	intended to control which pests:	Ball warms - Heliothis/Spottel Ball warm	2	
	intended to control which pests.	All pest and diseases	3	
		Don't know	999	
e4_P	Have you heard of Acetamapride/Pride?	YES	1	
C4_F	have you heard of Acetamaphae/Fride:	NO NO		→e6_P
e5_P	Acetamapride/Pride pesticide is primarily intended to control	Sucking pest -Whitefly/Molo/Aphid/Jassid/Thrips	1	/eu_r
e5_F	which pests:	Ball warms - Heliothis/Spottel Ball warm	2	
	which pests.	All pest and diseases	3	
		Don't know	999	
o6 D	A conhate posticide is primarily intended to control which posts.		1	
e6_P	Acephate pesticide is primarily intended to control which pests:	Sucking pest -Whitefly/Molo/Aphid/Jassid/Thrips Ball warms - Heliothis/Spottel Ball warm	2	
	-	All pests and diseases	3	
	-	Don't know	999	
E7.00	If you had the ention of using 1 Litro of Professionan as and Litro			
E7_PC	If you had the option of using 1 Litre of Profenophos or 1 Litre	Profenophos	1 2	
	of Monocrotophos, which would you use to most effectively	Monocrotophos		
	treat MEALYBUG in cotton?	Chlorpyriphos/Triazophos/Hostathion	3	
	-	Other (Specify)	888	
	16 1 11 11 11 11 11 11 11 11 11 11	Don't Know	999	
E8_PC	If you had the option of using 1 Litre of Pride or 1 Litre of	Pride/Tata Manik	1	
	Monocrotophos, which would you use to most effectively treat	Monocrotophos	2	
	WHITE FLY in cotton?	Triazophos/Hostathion	3	
		Other (specify)	888	
		Don't Know	999	
E9_PC	If you had the option of using 1 Litre of Imida or 1 Litre of	Imida/Tatamida/Confidor/Jumbo	1	
	Monocrotophos, which would you use to most effectively treat	Monocrotophos	2	
	APHID/LEAF CURL in cotton?	Acephat/Pride/Ektara	3	
		Other (specify)	888	
		Don't Know	999	
E10_PC	If you had the option of using 1 Litre of Dithan 45 or 1 Litre of	Dithan 45/Mancozeb	1	
	Monocrotophos, which would you use to most effectively treat	Monocrotophos	2	
	WILT DISEASE in cotton?	Bavistin/Copper OxyCloride/ Carbendazim	3	
		Other (Specify)	888	
		Don't Know	999	
F1	To control wilt disease in Cotton which fungus or bio-product	Tricoderma Virdi-Tricoderma	1	
	can be used with compost as a seed treatment or soil	Fungicide	2	
	application?	Other (Specify)	888	
		Don't Know	999	
F2	Photo 1: Can you identify the following pest from its photo and	Aphid	1	
	damage symptoms	Other (Specify)	888	
		Don't Know	999	
F3	Photo 2: Can you identify the following pest from its photo and	Thrips	1	
	damage symptoms	Other (Specify)	888	
		Don't Know	999	
F4	Photo 3: Can you identify the following pest from its photo and	White fly	1	
	damage symptoms	Other (Specify)	888	
		Don't Know	999	
F5	Photo 4: Can you identify the following pest from its photo and	Mealy bug	1	
	damage symptoms	Other (Specify)	888	
		Don't Know	999	

	INTERVIEWER CHECKPOINT: Does this	YES	1				
	farmer grow wheat?	NO	2	→D23			
	INTERVIEWER CHECKPOINT:DO NOT PROMPT OR READ OUT CHOICES FOR FOLLOWING QUESTIONS						
D22. WHEA	Т						
D22.1a	For timely sowing of wheat, which time is recommended?	15 to 25 November - After Dev Diwali	1				
		First week of November - After Diwali	2				
		Any Other (Specify)	888				
		Don't Know	999				
D22.2a	In case of late sowing the wheat crop should be planted latest	10-15 December	1				
	by:	Other (specify)	888				
		Don't know	999				
D22.4a	Which disease of wheat affects the grain quality and ultimately	Black Point of grains	1				
	the price of wheat grains?	Other (specify)	888				
		Don't know	999				
D22.1k	Which variety of wheat is recommended in gujarat for late	GW 173/Lok 1/Tukdi	1				
	sowing?	Other (specify)	888				
		Don't know	999				
D22.3k	What is the recommended dose of nitrogen (in kilos) in irrigated	120 kg /ha or 20 kg/vigha	1				
	wheat?	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 kilos) in	60 kg /ha or 10 kg/vigha	1
	irrigated wheat?	50-75 kg/ha or 8-12 kg/vigha	2
		Other (specify)	888
		Don't know	999
	After one irrigation at the time of sowing, the next irrigation for	20-21 days after sowing or at crown root initiation	
F22.6	wheat is recommended in:	stage	1
		8-10 days after sowing	2
		Other (Specify)	888
		Don't Know	999

	INTERVIEWER CHECKPOINT: Does this	YES	1	ī
	farmer grow cumin?	NO	2	→Section L
D23.CUMIN				
D23.1a	Which are the newly recommended varieties of Cumin resistant	GC 3/ GC 4	1	
	to wilt?	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	
E1_2	Before sowing, what should be done with cumin seeds to	Seed Treatment	1	
_	prevent fungal diseases?	Nothing	2	
		Other (specify)	888	
		Don't know	999	
D23.3k	What is the recommended dose of Nitrogen (in kilos only) for	30 kg/ha or 5 kg/vigha	1	
	cumin?	Other (specify)	888	
		Don't know	999	
F23.6	When you notice wilt in your cumin, which fungicide is	Bavistin - Carbendazim - Mancozeb	1	
	recommended for to control the harmful effects of the wilt	Confidor - Mono	2	
	disease?	Any Other (Specify)	888	
		Don't Know	999	
F23.7C	If you had the option of using 1 Kg of Mancozeb or 1 Litre of	Mancozeb/Dithan 45/Bavistin/Carbendazim	1	
	Monocrotophos, which would you use to most effectively treat	Monocrotophos	2	
	WILT DISEASE in cumin?	Other (Specify)	888	
		Don't Know	999	
D23.7kc	If you had the option of using 1 Kg of Sulphur/Contaf or 1 Litre	Sulphur/Dinocap/Contaf	1	
	of Monocrotophos, which would you use to most effectively	Other	888	
	treat powdery mildew in cumin?	Don't know	999	
E4_2	Which herbicide is advisable as pre-emergence for controlling	Pendimethalin - Basalin - Stomp	1	
	weeds in cumin and wheat?	2-4-D	2	
		Any Other (Specify)	888	1
		Don't know	999	_
E6_2	To control wilt disease in cumin which fungus or bio-product can	Tricoderma Virdi - Tricoderma	1	_
	be used as a seed treatment or soil application with compost?	Fungicide	2	1
		Any Other (Specify)	888	
		Don't Know	999]

	INTERVIEWER READOUT: We will ask you some que	stions that	are questions	shout what you		
	would do in certain circumstances.	Stions that	ire questions	about what you		
	Please pay careful attention, and ask if a question is	s not clear.				
	INTERVIEWER READOUT: Now we will give you some	general sta	ements and yo	ou		
	have to tell us whether you strongly agree, agree, dis	sagree or str	ongly disagree	with them.		
L1.5	Relative to other people, I am willing to	STRONGLY A	AGREE		1	
	take risks in my life.	AGREE			2	
		DISAGREE			3	
		STRONGLY	DISAGREE		4	
		Decline to a			777	
	Suppose you want to invest some money. You have a		veen two optic	ons		
	Option A: Investing in a business that is safe but has	· ·				
	Option B: Investing in a business that is less safe but			rofits.		
L1.6	Which option do you choose?	Option A			1	1
		Option B			2	1
		NO PREF			3	
14 =			o answer		777	
L1.7	If I get money, I tend to spend it too	STRONGLY AGREE			1	
	quickly.	AGREE	2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
		DISAGRE	Y DISAGREE		3	\rightarrow L1.9 \rightarrow L1.9
			o answer		777	\rightarrow L1.9 \rightarrow L1.9
L1.8	I, therefore, put most of my money into a	STRONG			1	7 11.9
LI.0	safe place in order to avoid spending it too	AGREE	I AGREE		2	-
	quickly.	DISAGRE			3	1
	чискіу.	STRONGLY DISAGREE			<u>5</u> 4	
			o answer		777	
L1.9	I am not skeptical of new technology.		Y AGREE		1	1
	(I.e. I trust new technology.)	AGREE			2	
	() () () () () () () () () ()	DISAGRE	 E		3	
			Y DISAGREE		4	
			o answer		777	→ L1.11
L1.10	I would try new agricultural technology	STRONG	Y AGREE		1	
	without reference from an experienced	AGREE			2	
	farmer or other farmer friends.	DISAGRE	E		3	
		STRONG	Y DISAGREE		4	
		Decline t	o answer		777	
L1.11	Do you think most people would try to take	They wo	uld take advan	tage	1	
	advantage of you if they got a chance, or would	They try	to be fair		2	
	they try to be fair?	Decline t	o answer		777	4
		Don't Kn			999	1
L1.12	Would you say that most of the time people try to		to be helpful		1	-
	be helpful, or that they are mostly just looking out for themselves?		looking out fo	r themselves	2	-
	ioi tilelliseives!		o answer		777	-
14.45	Comprehly amondring a consultation of the land	Don't Kn		-1 - 1	999	-
L1.13	Generally speaking, would you say that most people can be trusted or that you can't be too careful in		ople can be tru		1	}
	dealing with people?	You can't people	be too carefu	while dealing with	2	1
	acaning with people:					-
			o answer		777	-
	INTERVIEWER READOUT: We will now ask you six mo	Don't Kn			999	\vdash

_	a month from today. These questions are hypot	hetical and will not win you any money.	
L2.0	Would you prefer to receive Rs 80 today,	Rs 80 Today	1
	or Rs 70 a month from today?	Rs 70 Next month	2
		DON'T KNOW	999
		Decline to answer	777
L2.1	Would you prefer to receive Rs 80 today,	Rs 80 Today	1
	or Rs 80 one month from today?	Rs 80 Next month	2
		DON'T KNOW	999
		Decline to answer	777
L2.2	Would you prefer to receive Rs 80 today,	Rs 80 Today	1
	or Rs 90 one month from today?	Rs 90 Next month	2
		DON'T KNOW	999
		Decline to answer	777
L2.3	Would you prefer to receive Rs 80 today,	Rs 80 Today	1
	or Rs 100 a month from today?	Rs 100 Next month	2
		DON'T KNOW	999
		Decline to answer	777
L2.4	Would you prefer to receive Rs 80 today,	Rs 80 Today	1
	or Rs 110 one month from today?	Rs 110 Next month	2
		DON'T KNOW	999
		Decline to answer	777
L2.5	Would you prefer to receive Rs 80 today,	Rs 80 Today	1
	or Rs 120 one month from today?	Rs 120 Next month	2
		DON'T KNOW	999
		Decline to answer	777

SECTION	C1: AGRICULTURAL PRACTICES - COTTON				
	INTERVIEWER NOTE: Do not mention Avaaj Otalo by na INTERVIEWER READOUT: Now we will ask you about yo Remember that we would like information from your la	ur practices related to cotton for	last Kharif.		
	TON (General)	I			
C1.1	Do you solicit or receive any advice on planting of cotton?	YES		1	
64.3		NO FIRST		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
C1.5	What was the total area you planted last Kharif?			ACRE	
				BIGHA	
				GUNTHA	
	INTERVIEWER CHECKPOINT: For quantity planted use				
C1.5x	When did you plant cotton last Kharif?	1st Planting (ww/mm):	Qty:		
		2nd Planting (ww/mm):	Qty:		
		3rd Planting (ww/mm):	Qty:		
C1.51	Total cotton crop loss due to weather, pests etc			ACRE	
	last Kharif?			BIGHA	
				GUNTHA	
				Percentage	
C1.51a	Which pests afflicted your cotton and what was the maximum area of infestation reached during the season?			What was the m infestation durin Rabi? Area or % planted	-
			1. Va. 2. Na	Area	0/
	Bollworms	1 Spotted hellwarm	1: Yes 2: No		%
	Bollworms	Spotted bollworm Pink bollworm	1 2	abg	
		3. Heliothis	1 2	abg	
		4 .Prodenia	1 2	abg	
	Sucking pests	5. Aphid	1 2	abg	•
	Sacking pests	6. Jassid	1 2	abg abg	
		7.Thrips	1 2	abg	
		8. White fly	1 2	abg	
		9. Milibag	1 2	abg	
	Disease	10. Wilt	1 2	abg	
	2.556.55	11. Root Rot	1 2	abg	
		12. Bactarial Blight	1 2	abg	
		13. Leaf Spot	1 2	abg	
	Others	14. Other 1	1 2	abg	
		17. Not any	1	abg	
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 harves	it	1 2	
	(1 = Yes, 2 = No)	Ploughing/Furrowing/Pulverizing		1 2	
		Leveling the soil as per crop		1 2	
		Other (specify)		888	
C1.8	What were the labour costs for land preparation in	Household labour (should inc			
	Kharif 2011, not including application of fertilizer?	Himad Labarra	To	otal Labour Days	
		Hired Labour	-	atal Labarra Da	
				otal Labour Days	
			Tota	Daily wage I Labour Cost	
		Tractor/Bullock	iota	. Labour Cost	
				Total Cost	
			Total h	ours or vigha	
				nr 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 of	TOTAL COST	Rs.		
	irrigation for last Kharif?	COST PER IRRIGATION	Rs.		
		DIESEL/KEROSENE	Rs.		
		ELECTRICITY BILL	Rs.		

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

S1. Seeds					
S1.1	What was the most important factor in determining	Low Price		1	
31.1	which seed you used? (CIRCLE ONLY ONE)	Pest Resistanc	.0	2	
		Safe Yield		3	
		High Yield		4	
		Few Input Reg	uiromonts	5	
		Water require		6	
				7	
		What farmer f	rienas use		
		Availability		8	
		Soil fertility		9	
			e (specify source)	10	
		Other (specify	')	888	
		Don't know		999	
S1.3	Did you solicit or receive any advice on seeds	YES		1	
	related to cotton?	NO		2	→S1.5
S1.4	Who or what were the TWO most important	FIRST			
	sources? (USE SOURCE CODE- DO NOT PROMPT)				
		SECOND		 	
S1.5	Did you purchase cotton seeds last Kharif or reuse	PURCHASE		1	
	old seeds?	REUSE		2	→ S1.7
		вотн		3	
S1.6	What seeds did you purchase? How many kilograms	SEED 1:			
	or packets of seeds did you purchase? What was		, ,	1	
	the price?		KGS	Price/kg	
	(INTERVIEWER: use code below)			Total cost	
	1.Vikram		PACKETS	Price/packet	
	2.Rasi		Pkt qty	Total Cost	
	3.Ajit	SEED 2:			
	4.Navbharat		VCC.	Duine /Ive	
	5.Tulsi		KGS	Price/kg	
	6.Ankur		21.045	Total cost	
	7.Nath		PACKETS	Price/packet	
	8.Prabhat	2550	Pkt qty	Total Cost	
	9.Ganga kaveri 10.Nuzeevidu	SEED 3:			
	888. Other, (specify)		KGS	Price/kg	
	ooo. Other, (specify)		1.03	Total cost	
			PACKETS	Price/packet	
			Pkt qty	Total Cost	
S1.7	What are the names of the seed you used? Are	1. SEED NAME		iotal cost	
31.7	they hyrbid or desi? And, what quantity did you use				
	for each seed?	HYBRID/B1		1	
	(INTERVIEWER: Use code below.)	DESI		2	
	1.Vikram	QUANTITY US	ED:	1	
	2.Rasi		PACKETS	KGS	
	3.Ajit		Pkt qty		
	4.Navbharat	2. SEED NAME	:		
	5.Tulsi	HYBRID/BT		1	
	6.Ankur	DESI		2	
	7.Nath	QUANTITY US	ED.		
	8.Prabhat	QUANTITI US	PACKETS	KGS	
	9.Ganga kaveri		Pkt qty	103	
	10.Nuzeevidu		i kt qty		

	888. Other, (specify)	3. SEED NAME:				
	/(//	HYBRID/BT			1	
		DESI			2	
		QUANTITY USED:				
		PACKETS	:		кgs	
		Pkt qty			KGS	
S1.8	What were the labour costs for sowing cotton seeds		<u> </u>		'	
01.0	in Kharif 2011?			Т	otal Labour Days	
		Hired Labour			,	
				T	otal Labour Days	
					Daily wage	
				Tota	al Labour Cost	
		Tractor/Bullock				
				T . II	Total Cost	
					nours or vigha hr or rs/vigha	
S1.9	Did you treat your seeds before planting?	YES		KS/	nr or rs/vigna	
31.9	Did you treat your seeds before planting:	NO			2	→S1.11
S1.10	How did you treat your seeds? (INTERVIEWER	Option	Voc	/ No	Specify	731.11
31.10	NOTE: MULTIPLE ANSWERS POSSIBLE AND USE THE	A FUNGICIDES	1	2	эреспу	
	CODE SHEET)	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				CMS	
	same row? (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	
		DOIT I RIVOVV			L	

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 regarding YES 1 fertilizer last Kharif? NO →F1.2 F1.1 Who or what were the TWO most important FIRST sources? (USE SOURCE CODE- DO NOT PROMPT) SECOND F1.2 Did you use fertilizers last Kharif with your cotton YES →F1.4 crop? NO 2 F1.3 Why did you not use fertilizer? Wrong time in crop phase → P1 → P1 Too expensive 2 → P1 Not useful 1 2 Not available → P1 Bad experience 2 → P1 1 Don't know how 1 → P1 2 Other (specify) 888 \rightarrow P1 F1.4 Did you make the decisions on which fertilizers to YES use? NO 2 **→**F1.6

F1.5	If yes, what was the most important factor in		-] , , , ,
	determining which fertilizer you used? (CIRCLE	Low Pr									1	→F1.7
	ONLY ONE)	Safe Yi									2	→F1.7
		High Yi	eld								3	→F1.7
		What f	armer f	riend	ls use						4	→F1.7
		Availab	ility								5	→F1.7
		Soil fer	tility								6	→F1.7
		Seed va	ariety								7	→F1.7
		Genera	ıl advice	e (spe	ecify sou	ırce)					8	→F1.7
		Other (specify)							888	→F1.7
		Don't k									999	→F1.7
F1.6	If not, who made the decision?		des fror)7							
		Other (specify)							888	
F1.7	Did you purchase fertilizers or reuse from the	DLIE	CHASE								1	
	previous year?	REL									2	
		ВОТ									3	
	Which chemical fertilizers did you purchase and use for			Amo				Cost (Rs.)				If bags, then
	your cotton crop? In what quanties?	Yes = 1 YES = 1		1. kg 2. lit			1.	Cost/unit 2. Total			2. 3.	size of bags in kilos
		NO = 2			o. of ba	gs				of ba		Kilos
	A. Urea	1	2	1.	2.		1.	2.	1.	2.	3.	
	B. Ammonium Sulfate	1	2	1.	2.		1.	2.	1.	2.	3.	
	C. DAP	1	2	1.	2.		1.	2.	1.	2.	3.	
	D. Murate of Potash (MoP)	1	2	1.	2.		1.	2.	1.	2.	3.	
	E. N-P-K grade fertilizers	1		1.	2.		1.	2.	1. 1.	2.	3.	
	E1.			1.	2.			2.		2.	3.	
	E2. F. Micronutrient Fertilizer	1	2	1. 1.	2.		1. 1.	2.	1.	2.	3.	
	F1.			1.	2.		1.	2.	1.	2.	3.	
	F2.			1.	2.	3.	1.	2.	1.	2.	3.	
	G. OTHER (specify)											
	G1.	1	2	1.	2.	3.	1.	2.	1.	2.	3.	
	G2.	1	2	1.	2.	3.	1.	2.	1.	2.	3.	
F1.10	What were the labour costs for the application of chemical fertilizer? (INTERVIEWER: Remind the	Numbe	r of Ap	plicat	tions:							
	respondent to consider multiple applications.)	Housel	nold lab	our								
								T	otal	Labo	ur Days	
		Hired L	abour									
								To	otal	Laboı	ır Days	
											y wage	
								Т	otal		ur Cost	
F1.11	Did you use any organic fertilizers on your cotton	Yes									1	
	crop last Kharif?	No										→P1
F1.12	Which organic fertilizers did you purchase and use	Purcha	se?	Amo	ount		Cost	(Rs.)	Use	d?		Size of trolley
	for your cotton crop? In what quanties?	Yes = 1			olley		1. Co	st/unit	1	rolley	/	in kilos
		No =2		2. K	gs		2. To	tal	2. K	gs		
		1	2	1.			1.		1.			
	A. Manure /Compost/FYM	_		2.			2.		2.			
	B. Biofertilizer	1	2	1. 2.			1. 2.		1. 2.			
		1	2	1.			1.		1.			
	C. Vermicompost	_		2. 1.			2. 1.		2. 1.			
	D. Cake (Castor cake)	1	2	1. 2.			1. 2.		1. 2.			
	E. OTHER (specify)								l			

	E1.	1	2	1. 2.	1. 2.	1. 2.	
	E2.	1	2	1. 2.	1. 2.	1. 2.	
F1.13	What was the labour costs for the application of organic fertilizer for cotton? (INTERVIEWER: Remind	Numb	er of ap	plications:	•		
	the respondent to consider multiple applications.)		hold lal	oour	_		
						Total Labour Days	
		Hired	Labour				
						Total Labour Days	
						Daily wage	
						Total Labour Cost	
		Tra	ctor/Bu	llock	_		
						Total Cost	
					Tota	l hours or vigha	
					R	s/hr or rs/vigha	

P1. Pesti	cides and Diseases			
	NOW, WE WILL ASK YOU SIMILAR QUESTIONS REGARD	ING YOUR PESTICIDE USAGE.		
P1.0	Did you solicit or receive any advice on pesticides	YES	1	
	for cotton during Kharif 2010?	NO	2	→P1.2
P1.1	Who or what were the TWO most important sources of advice? (USE SOURCE CODE- DO NOT PROMPT)	FIRST		
	Did you use any pesticides with your cotton? Did you make the decisions on which pesticides to use? If yes, aside from the type of pest or disease, what was the most important factor in determining	SECOND		
P1.2	Did you use any pesticides with your cotton?	YES	1	
		NO	2	→P1.10
P1.4	·	YES	1 2 →P1.6 1 →P1.7	
	use? If yes, aside from the type of pest or disease, what was the most important factor in determining	NO	2	→P1.6
P1.5	was the most important factor in determining which pesticide you used? (CIRCLE ONLY ONE) Safe Yield High Yield What farmer friends use Availability	Low Price	1	→P1.7
		Safe Yield	→P1.7	
		High Yield	→P1.7	
		What farmer friends use	→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
		Don't know	999	→P1.7
P1.6	If not, who made the decision?	Use codes from A.07		
		Other (specify)		

P1.71	Which pesticides have y	ou purchased an	d/or used in las	st Kharif 2011											
			Purcha	se			Used			Р	urpose			Application	
		Yes/No	Quantity	Unit	Total cost	Yes/No	Total	Unit	Did you p	urchase	If it was a spe	ecific	No. of	Area of	Unit of area
				(1)Lit	(Rs.)		Quantity	(1)Lit	this pest	icide to	pest, which o	ne was	Applications	Application	1. Acre
				(2)ml			Used	(2)ml	trea	it:	it? (Use Code	·)			2. Bigha
				(3)Kg				(3)Kg	1 All pe	ests 2.					3. Guntha
				(4)gm				(4)gm	Specifi	c pest					
				(5)bags				(5)bags							
				(Size in kgs)				(Size in kgs)							
1. Endosulphan		Y N				ΥN			1	2					
2. Quinalphos		Y N				Y N			1	2					
3. Monocrotophos		Y N				Y N			1	2					
4. Cypermethrin		Y N				Y N			1	2					
5. Chlorpyrithos		Y N				Y N			1	2					
6. Phosphamidon		Y N				Y N			1	2					
7. Dimethoate		Y N				ΥN			1	2					
8. Imidachloprid		Y N				Y N			1	2					
9. Acetamaprid		Y N				Y N			1	2					
10. Acephat		Y N				Y N			1	2					
11. Dicofol		Y N				ΥN			1	2					
12. Bumflower		Y N				ΥN			1	2					
13. Thiamethoxam		Y N				ΥN			1	2					
14. Profenofos		Y N				Y N			1	2					
15. Fenvalrate		Y N				ΥN			1	2					
16. Mancozeb		Y N				ΥN			1	2					
17. Carbendazim		Y N				ΥN			1	2					
18. Planofix		Y N				Y N			1	2					
19. Triazophos		Y N				Y N			1	2					
20. Other 1		Y N				Y N			1	2					
		_		•		odes for Pur	pose	•						•	
1	2	3	4	5	6	7	8	9	10	11	12	13			888
Spotted bollworm	Pink bollworm	Heliothis	Prodenia	Aphid	Jassid	Thrips	White	Milibag	Wilt	Roo	Bacterial	Leaf			Other
							fly			t	Blight	Spot			

999 Don't know

INTERVIEWER C	CHECKPOINT: If respondent did not use any p	oesticides, only	ask P1.10 and P1.1	LOt		
P1.10	Have you applied any bio-control	YES	1			
	methods to control pests or diseases	NO			2	
P1.10t	last Kharif?	DON'T KNOW		999		
P1.10t	What biological method have you used?	Used	Quantity used	Unit	Size of bags in	Total Cost
	(CIRCLE ALL THAT APPLY)	Yes/No		1. Nos	kilos	(Rs)
				2. Kg		
				3. Lit		
				4. Bag		
	A. Installation of pheromone trap	1 2				
	B. Release of Chrysoperla	1 2				
	C. Spraying of Neem form or Neem seed	1 2				
	kernel suspension	1 2				
	D. Release of Trichogramma	1 2				
	E. Spraying of HNPV/SNPV	1 2				
	F. Use of Tricoderma	1 2				
	G. Installation of Sticky cards	1 2				
	(yellow/blue)	1 2				
	H. Other (Specify)					
	H1.	1 2				
	H2.	1 2				
P1.11	What was the TOTAL labour costs for	Number of app	olications:			
	the application of pesticides and	Household lab	our			
	fungicides last Kharif? (INTERVIEWER:				Total labour days	
	Remind respondent of multiple	Hired Labour				
	applications, and for all listed				Total labour days	
	bollworms, sucking pests and diseases.)				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.

2. WHEA	AT (General)					
C2.1	Do you solicit or receive any advice on	YES		1		
	planting of wheat?	NO			→C2.3	
C2.2	Who or what were the TWO most	FIRST			702.5	
C2.2	important sources?	IIIOI				
		CECOND				
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND				
	211 1 1111 11 12 12					
C2.3	Did you plant Wheat last Rabi?	YES		1	1	
		NO	1	2	→ C3	
C2.5	What was the total area you planted?			ACRE	-	
				BIGHA		
				GUNTHA		
	INTERVIEWER CHECKPOINT: For quantity planted use	e same unit as in C2.5				
C2.5x	When did you plant wheat last Rabi?	1st Planting (ww/mm):		Qty:		
		2nd Planting (ww/mm):		Qty:		
		3rd Planting (ww/mm):		Qty:		
C2.51	Total crop loss due to weather, pests etc			ACRE		
				BIGHA		
				GUNTHA	1	
				Percentage	1	
C2.51a	Which pests afflicted wheat and what was the			What was the n		
	maximum area of infestation?			of infestation d		
				Kharif and Rabi	_	
				cotton planted		
			1: Yes 2: No	Area	%	
	Worms	1. Termite	1 2	a b g		
		2. Stem borer	1 2	a b g	1	
		3. Cut warm	1 2	a b g	-	
	Sucking pests	4. Aphid	1 2	a b g	-	
	Disease	5. Stem Rust	1 2	a b g	1	
	Discuse	6. Seedling Blight	1 2	a b g	-	
		7. Bactarial Blight	1 2	a b g	1	
		8. Loose Smut	1 2	a b g	1	
		9. Black seed Spot	1 2	abg		
	Others	10. Other 1	1 2	abg		
		11. Not any	1 2	a b g		
C2.6	Do you treat your soil before planting?	YES	1	1		
		NO		2	→C2.9	
C2.7	How did you treat your soil before	Added organic manure		1 2		
	planting of wheat?	Cleaned the soil from last ha	arvest	1 2		
	(CIRCLE ALL THAT APPLY)	Ploughing/Furrowing/Pulve	rizing	1 2		
		Levelling the soil as per crop		1 2]	
		Prepares Irrigattion bed/fur		1 2	1	
		Other (specify)		888	1	
]	
C2.8	What were the labour costs for	Household labour				
	land preparation in Rabi 2011-12, not			Tot	al Labour Days	
	including application of fertilizer?	Hired Labour				
				Tot	al Labour Days	
					Daily wage	
				Total L	abour Cost	
		Tractor/Bullock				
					Total Cost	
		1			urs or vigha	
				- "	L	
				Rs/hr	or rs/vigha	
C2.9	Have you grown Irrigated wheat or	Irrigated Wheat		Rs/hr 1		
C2.9	Have you grown Irrigated wheat or Un-irrigated wheat in last Rabi?	Irrigated Wheat Un-irrigated Wheat			or rs/vigna →S2	
C2.9				1		
	Un-irrigated wheat in last Rabi? How many times did you irrigate your wheat crop last Rabi?			1		
	Un-irrigated wheat in last Rabi? How many times did you irrigate your		Rs.	1		

DIESEL/KEROSENE	Rs.
ELECTRICITY RILL	Dc

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

2. Seeds						
S2.1	What was the most important factor in determining	Low Price		1		
	which seed you used? (CIRCLE ONLY ONE)	Pest Resistance		2		
	, , , ,	Safe Yield		3		
				4		
		High Yield				
		Few Input Requirements		5		
		Water requirements		6		
		What farmer friends use		7		
		Availability		8		
		Soil fertility		9		
		General advice (specify source)		10		
		Other (specify)		888		
		other (speeny)		000		
		Don't know		999		
S2.3	Did you solicit or receive any advice on	YES		1		
	seeds last Rabi 2011?	NO		2	→S2.5	
S2.4	Who or what were the TWO most	FIRST				
	important sources?					
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND		·		
	,					
S2.5	Did you purchase wheat seeds	PURCHASE		1		
	Did you purchase wheat seeds last Rabi or reuse old seeds?				\c2.7	
	last Rabi of reuse old seeds?	REUSE		2	→S2.7	
	MI . 1 11 1 2 1	BOTH		3		
S2.6	What seeds did you purchase? How many	SEED 1:			5 . "	
	kilograms or packets of seeds did you		KGS		Price/kg	
	purchase? What was the price?				Total cost	
	(INTERVIEWER: FOR RABI 2010-11)		PACKETS		Price/packet	
	1. GW 496		Pkt qty		Total Cost	
	2. GW 322	SEED 2:				
	3. GW 173		KGS		Price/kg	
	4. GW 273				Total cost	
	5. LOK 1		PACKETS		Price/packet	
	888. Other, (specify)		Pkt qty		Total Cost	
		SEED 3:	• •			
			KGS		Price/kg	
					Total cost	
			PACKETS		Price/packet	
			Pkt qty		Total Cost	
S2.7	What are the names of the seed you used?	1. SEED NAME:	i kt qty		iotai cost	
32.7	Are they improved or desi? And, what	Improved	I	1		
	quantity did you use for each seed?	DESI		2		
	quantity did you use for each seed?	DESI				
	(INTERVIEWER: FOR RABI 2010-11)	QUANTITY USED:				
	1. GW 496		PACKETS		KGS	
	2. GW 322		Pkt qty			
	3. GW 173	2. SEED NAME:	401			
	4. GW 273	Improved	I	1		
	5. LOK 1	DESI		2		
	888. Other, (specify)	QUANTITY USED:				
	ooo. Other, (specify)	QUANTITI USED.	PACKETS		KGS	
					KGS	
		2 CEED MANAS	Pkt qty			
		3. SEED NAME:	Т			
		Improved		1		
		DESI		2		
		QUANTITY USED:				
			PACKETS		KGS	
			Pkt qty			
S2.8	What were the labour costs for	Household labour				

						_
	sowing wheat seeds in Rabi 2010-11?			Tota	al Labour Days	-
	1	Hired Labour		T-+	-11-h	-
	1				al Labour Days Daily wage	-
	1				Labour Cost	-
	l '	Tractor/Bullock		1010	about cost	-
	l '			T	Total Cost	†
	l '			Total hou	urs or vigha	1
					or rs/vigha	1
S2.9	Did you treat your seeds before planting?	YES		1		1
		NO		2	→S2.11	
S2.10	How did you treat your seeds?	Option	Code	Specify		
	(INTERVIEWER NOTE: Find out exactly	A. FUNGICIDES	1 2		_	
	what names/brands respondent used.)	B. PESTICIDES	1 2		_	
	l '	C. BIOLOGICAL METHOD	1 2	<u> </u>	4	
	l '	D. OTHER	4 2	<u> </u>	-	
	l '	D1. D2.	1 2	<u> </u>	4	
52.11	to look Dahi did you use the broadcasting		1 4	+ ,	\52	4
S2.11	In last Rabi, did you use the broadcasting	Broadcasting		1	→F2	
	method for planting or did you plant in	In rows		2	l	
62.42	rows?	DON'T KNOW		999	→F2	4
S2.12	What was the spacing between the rows?			CMS	4	
	(INTERVIEWER: Measure using a ruler.)			FT		
-		DON'T KNOW	1	INCHES		
		DON'T KNOW		999		-
F2. Fertiliz	Tors					
	WILL ASK YOU QUESTIONS ABOUT YOUR FERTILIZER US	AGE IN THE LAST MONTH Rom	ember these alles	stions only porta	ain to your	
F2.0	Did you solicit or receive any advice	YES	ember mese ques	1	iii to youi	-
F2.0	regarding fertilizer last Rabi?	NO		2	→F2.2	
F2.1	Who or what were the TWO most	FIRST	Γ		712.2	-
	important sources?	11101				
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND			†	
	(0323001102 0022 201101111111111111111111	3233113				
F2.2	Did you use fertilizers last Rabi with your wheat	YES		1	→F2.4	†
	crop?	NO		2	712.4	1
F2.3	Why did you not use fertilizer?	Wrong time in crop phase		1 2	→ P2	-
12.5	Willy did you not use termizer:	Too expensive		1 2	→ P2	-
	1	Not useful		1 2	→ P2	4
	l '	Not available		1 2	→ P2	4
	l '	Bad experience		1 2	→ P2	4
	l '	Don't know how		1 2	→ P2 → P2	-
	l '				+	4
F2.4	I I I I I I I I I I I I I I I I I I	Other (specify)		888	→ P2	4
FZ.4	Did you make the decisions on which fertilizers to	YES		1	\F3.C	4
52.5	use? If yes, what was the most important factor in	NO Lava Britan	<u> </u>	2	→F2.6	4
F2.5	determining which fertilizer you used? (CIRCLE ONLY	Low Price	<u> </u>	1 2	→F2.7	4
	ONE)	oute their		2	→F2.7	-
	ONE)	High Yield	1	3	→F2.7	4
	l '	What farmer friends use		4	→F2.7	4
	1	Availability		5	→F2.7	4
	l '	Soil fertility	<u> </u>	6	→F2.7	_
	l '	Seed variety		7	→F2.7	_
	l '	General advice (specify source)		8	→F2.7	1
	l '	Other (specify)		888	→F2.7	
		Don't know		999	→F2.7	
F2.6	If not, who made the decision?	Use codes from A.07			_	
	1	Other (specify)		888		
						=
F2.7	Did you purchase fertilizers or reuse	PURCHASE		1		
	from the previous year?	REUSE		2	→F2.10	
	l '	ВОТН		3		1
F2.8	Which chemical fertilizers did you purchase and use	Purchase?	Amount	Cost (Rs.)	Used?	If bags, tl
	for your wheat crop? In what quanties?		1. kg	1. Cost/unit		size of ba
	1		2. litre	2. Total	2. litre	in kilos
	l '	!	3. No. of bags		3. No. of	
	1	1			bags	

				T		, ,
	A. Urea	1 2	1. 2. 3.	1. 2.	1. 2. 3.	
	B. Ammonium Sulfate	1 2	1. 2. 3.	1. 2.	1. 2. 3.	
	C. DAP	1 2	1. 2. 3.	1. 2.	1. 2. 3.	
	D. Murate of Potash (MoP)	1 2	1. 2. 3.	1. 2.	1. 2. 3.	
	E. N-P-K grade fertilizers	1 2	1. 2. 3.	1. 2.	1. 2. 3.	
	E1.		1. 2. 3.	1. 2.	1. 2. 3.	
_	E2.		1. 2. 3.	1. 2.	1. 2. 3.	
	F. Micronutrient Fertilizer	1 2	1. 2. 3.	1. 2.	1. 2. 3.	
-	F1.		1. 2. 3.	1. 2.	1. 2. 3.	
-	F2.		1. 2. 3.	1. 2.	1. 2. 3.	
-	G. OTHER (specify)					
-	G1. G2.	1 2	1. 2. 3. 1. 2. 3.	1. 2. 1. 2.	1. 2. 3.	
F2 10			1. 2. 3.	1. 2.	1. 2. 3.	
F2.10	What were the labour costs for the	Number of Applications:				_
	application of chemical fertilizer for wheat?	Household labour				_
	(INTERVIEWER: Remind the respondent			Tot	al Labour Days	
	to consider multiple applications.)	Hired Labour			•	•
	to consider multiple applications.	Timed Edoodi		Tot	al Labour Days	1
				100	Daily wage	1
				Tot	tal Labour Cost	-
F2.11	Did you use any organic fertilizers on your wheat	Yes		101	1	-
12.11	crop last Rabi?	No			→P2	1
F2.12	Which organic fertilizers did you purchase and use	No Purchase?	Amount	Used?	→P2 Cost (Rs.)	Size of
FZ.1Z	for your cotton crop? In what quanties?	Yes = 1 No =2	1. Trolley	1. Trolly	1.	trolley in kgs
	ioi your cotton crop: iii what qualities:	162 - T INO =7	2. Kgs	2. Kgs	Cost/unit	troney iii kgs
			_		-	
		1 2	1.	1.	1.	
	A. Manure /Compost/FYM		2.	2.	2.	
	4	1 2	1.	1.	1.	
	B. Biofertilizer		2.	2. 1.	2.	
	C Varmicampact	1 2	1.		1.	
	C. Vermicompost		2.	2. 1.	2. 1.	
	D. Cake (Castor cake)	1 2	2.	2.	2.	
	E. OTHER (specify)					
	E. O MEN (opeon))	_	1.	1.	1.	
	E1.	1 2	2.	2.	2.	
			1.	1.	1.	
	E2.	1 2	2.	2.	2.	
			•			
F2.13	What was the labour costs for the	Number of applications:			•	
	application of organic fertilizer for wheat?	Household labour				-
	(INTERVIEWER: Remind the respondent			Total Labour	r Davs	1
	to consider multiple applications.)	Hired Labour			•	.
				Total Labour	r Davs]
				Daily wage	,-	1
				Total Labour	r Cost	1
		Tractor/Bullock		iotai Laboui	5030	1
		Hactor, Dallock				1
				Total Cost		
				Total hours		
				Rs/hr or rs/v	/igha	
]
P2. Pestici	ides and Diseases					
	NOW, WE WILL ASK YOU SIMILAR QUESTIONS REGA	RDING YOUR PESTICIDE USAGE				
P2.0	Did you solicit or receive any advice on	YES		1]	
	pesticides during Rabi 2010-11?	NO		2	→P2.2	
P2.1	Who or what were the TWO most	FIRST]
	important sources of advice?				1	
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND			1	
	(1	
P2.2	Did you use any pesticides with your wheat crop last	VEC		1	→P2.4	1
. 2.2	Rabi?	NO NO		2	1	
P2 2	Why did you not use pesticides last	_			ļ	
P2.3	Rabi?	Due to crop conditions		1 2	→P2.9 →P2.9	
	NUDI;	Too expensive	I .		ı → P / Y	1
	(CIRCLE ALL THAT APPLY)	Not useful		1 2	→P2.9	

				1
		Not available	1 2	→P2.9
		Bad experience	1 2	→P2.9
		Don't know how	1 2	→P2.9
		Use natural methods	1 2	→P2.9
		Not necessary	1 2	→P2.9
		Other (specify)	888	→P2.9
		6 71	200	\ D2.0
		Don't know	999	→P2.9
P2.4	Did you make the decisions on which pesticides to	YES	1	
	use?	NO	2	→P2.6
P2.5	If yes, aside from the type of pest or disease, what	Low Price	1	→P2.7
	was the most important factor in determining which	Safe Yield	2	→P2.7
	pesticide you used? (CIRCLE ONLY ONE)	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
		Other (specify)	888	→P2.7
		Don't know	999	→P2.7
P2.6	If not, who made the decision?	Use codes from A.07		
		Other (specify)	888	

		Pu	ırchase			Used			Purpose		Application	1
	Yes/No	Quantity	Unit	Total cost	Yes/No	Total Quantity	Unit	Did you purchase	If it was a specific pest,	No.	of Area	of Unit of area
			1. Lit 2. ml 3.	(Rs.)		Used	1. Litre 2. ml	this pesticide to treat	which one was it? (Use	Applications	Application	1.Acre
			Kg 4. gm 5.				3. Kg 4. gm	:	Code)			2. Bigha
			bags (Size in				5. bags (Size	1 All pests 2. Specific				3. Guntha
			kgs)				in kgs)	pest				
1. Endosulphan	Y N				ΥN			1 2				
2. Quinalphos	Y N				ΥN			1 2				
3. Monocrotophos	Y N				ΥN			1 2				
6. Phosphamidon	Y N				ΥN			1 2				
8. Imidachloprid	Y N				ΥN			1 2				
10. Acephat	Y N				ΥN			1 2				
15. Fenvalrate	Y N				ΥN			1 2				
16. Mancozeb	Y N				ΥN			1 2				
17. Carbendazim	Y N				ΥN			1 2				
20. Other 1	Y N				ΥN			1 2				
21. Other 2	Y N				ΥN			1 2				
22. Other 3	Y N				ΥN			1 2				

	Coucs for i u	. pose	
7	8	888	999
Loose Smut	Black seed	Other	Don't

1	2	3	4	5	6	7	8	888	999
		Cut Worm	Aphid	Stem Rust	Seedling	Loose Smut	Black seed	Other	Don't
Termite	Stem Borer				Blight		Spot		Know

	INTERVIEWER CHECKPOINT: If the respondent di	d not use any	pesticides, only ask	P2.9, P2.9t		
P2.9	Have you applied any bio-control methods to	YES		1		
	control pests or diseases Rabi 2010-11 for	NO		2		
	wheat?	DON'T KN	IOW	999		
P2.9t	What biological method have you used?	Used Yes/No	Quantity used	Unit		Size of bag
	(CIRCLE ALL THAT APPLY)			1. Nos		kilos
				2. Kg	Total Cost (Rs)	
				3. Lit	,	
				4. Bag		
	A. Installation of pheromone trap	1 2				
	B. Release of Chrysoperla	1 2				
	C. Spraying of Neem form or Neem seed	1 2				
	kernel suspension	1 2				
	D. Release of Trichogramma	1 2				
	E. Spraying of HNPV/SNPV	1 2				
	F. Use of Tricoderma	1 2				
	G. Installation of Sticky cards (yellow/blue)	1 2				
	H. Other (Specify)					
	H1.	1 2				
	H2.	1 2				
P2.10	What was the TOTAL labour costs for the	Number of a	pplications:			
	application of pesticides and fungicides	Household la	bour			
	last Kharif?				Total labour days	5
	(INTERVIEWER: Remind respondent	Hired Labour				
	of multiple applications, and all potential				Total labour days	5
	pests and diseases.)				Daily wage	2
					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.

	in (General)	VEC		1		
3.1	Do you solicit or receive any advice on	YES		1	.62.2	
	selection of Cumin crop?	NO TIEST		2	→C3.3	
23.2	Who or what were the TWO most	FIRST				
	important sources?					
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND				
C3.3	Did you plant Cumin last Rabi?	YES		1		
		NO		2	\rightarrow V	
C3.5	What was the total area you planted?			ACRE		
				BIGHA	Ī	
				GUNTHA	Ī	
Ī	INTERVIEWER CHECKPOINT: For quantity planted use sa	me unit as in C3.5				
3.5x	When did you plant cumin last Rabi?	1st Planting (ww/mm):		Qty:		
.3.3x	When the you plant cultim last hash.			•		
		2nd Planting (ww/mm):		Qty:		
		3rd Planting (ww/mm):		Qty:		
3.51	Total crop loss due to weather, pests etc				ACRE	
					BIGHA	
					GUNTHA	
				_	Percentage	
3.51a	Which pests afflicted your Cumin and what was the			What was the ma		
	maximum area of infestation?			of infestation dur		
				Kharif and Rabi?	Area or % of	
				cotton planted		
			1: Yes 2: No	Area	%	
	Sucking pests	1. Aphid	1 2	a b g		
	.	2. Thrips	1 2	a b g		
		3. White fly	1 2	a b g		
		4. Jassids	1 2	abg		
	Disease	5. Blight	1 2	abg abg		
	Discuse	6. Powedery Mildew	1 2		<u> </u>	
				abg		
	Others	7. Wilt	1 2	abg		
	Others	8. Other 1	1 2	abg		
		9. Not any	1 2	a b g		
C3.6	Do you treat your soil before planting?	YES		1		
		NO		2	→C3.9	
C3.7	How did you treat your soil Before	Added organic manure		1 2		
	planting of Cumin?	Cleaned the soil from last I		1 2	[<u> </u>	
	(CIRCLE ALL THAT APPLY)	Ploughing/Furrowing/Pulv		1 2	[
		Levelling the soil as per cro		1 2	[
		Prepares Irrigattion bed/fu	rrows	1 2	[
		Other (specify)		888	[
					·	
					ļ	
C3.8	What were the labour costs for	Household labour				
	cumin land preparation in Rabi 2011-12?			Tota	l Labour Days	
		Hired Labour		.5ta	20,0	
				Tota	l Labour Days	
					Daily wage	
					abour Cost	
		Tractor/Bullock		IUIdi La	abour Cost	
		Hactor/ Bullock		1	Total Coot	
					Total Cost	
					rs or vigha	
				Rs/hr	or rs/vigha	
C3.9	How many times did you irrigate your				[<u> </u>	
	Cumin crop last Rabi?					
3.10	What was the cost per irrigation or	TOTAL COST	Rs.			
	total cost of irrigation for last Rabi?	COST PER IRRIGATION	Rs.			
	•	DIESEL/KEROSENE	Rs.			
		ELECTRICITY BILL	Rs.			
		· · · · · · · · · · · · · · · · · · ·	4			

FARMING PRACTICES, FROM SEED TO FERTILIZER TO PESTICIDE USAGE.

					[
Seed	s					
3.0a	Did you delay the planting of cumin last year?	YES		1		
	, , , , , , , , , , , , , , , , , , , ,	NO		2	→S3.1	
.0b	If yes, then why? (Record Verbatim)				,	
.0.0	ii yes, then wily: (necord versutiii)	Don't know		999		
3.1	What was the most important factor in determining	Low Price			1	
5.1	which seed you used? (CIRCLE ONLY ONE)			1		
	willch seed you used! (CIRCLE ONL! ONE)	Pest Resistance		2		
		Safe Yield		3		
		High Yield		4		
		Few Input Requirements		5		
		Water requirements		6		
		What farmer friends use		7		
		Availability		8		
		Soil fertility		9		
		General advice (specify source)		10		
		211 (15.)				
		Other (specify)		888		
			ļ			
		Don't know		999		
3.3	Did you solicit or receive any advice on	YES		1		
	cumin seeds last Rabi 2011-12?	NO		2	→S3.5	
3.4	Who or what were the TWO most	FIRST	I			
	important sources?				•	
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND			-	
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND			-	
		2002000				
3.5	Did you purchase cumin seeds	PURCHASE		1		
	last Kharif or reuse old seeds?	REUSE		2		
		вотн		3	<u> </u>	
3.6	What seeds did you purchase? How many	SEED 1:				
	kilograms or packets of seeds did you		KGS		Price/kg	
	purchase? What was the price?				Total cost	
	(INTERVIEWER: FOR RABI 2010)		PACKETS		Price/packet	
	1. Gujarat Cumin 1		Pkt qty		Total Cost	
	2. Gujarat Cumin 2	SEED 2:				
	3. Gujarat Cumin 3		KGS		Price/kg	
	4. Gujarat Cumin 4				Total cost	
	5. Rajasthan Cumin 2		PACKETS		Price/packet	
	888. Other, (specify)		Pkt qty		Total Cost	
		SEED 3:	·			
			KGS		Price/kg	
					Total cost	
			PACKETS		Price/packet	
			PACKETS Pkt qty			
3.7	What are the names of the seed you used?	1. SEED NAME:			Price/packet	
3.7		1. SEED NAME: QUANTITY USED:			Price/packet	
3.7	What are the names of the seed you used? And, what quantity did you use for each seed?	1. SEED NAME: QUANTITY USED:	Pkt qty		Price/packet	
3.7	And, what quantity did you use for each seed?		Pkt qty PACKETS		Price/packet Total Cost	
3.7	And, what quantity did you use for each seed? (INTERVIEWER: FOR RABI 2010)	QUANTITY USED:	Pkt qty		Price/packet Total Cost	
3.7	And, what quantity did you use for each seed? (INTERVIEWER: FOR RABI 2010) 1. Gujarat Cumin 1	QUANTITY USED: 2. SEED NAME:	Pkt qty PACKETS		Price/packet Total Cost	
3.7	And, what quantity did you use for each seed? (INTERVIEWER: FOR RABI 2010) 1. Gujarat Cumin 1 2. Gujarat Cumin 2	QUANTITY USED:	PACKETS Pkt qty		Price/packet Total Cost KGS	
3.7	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	QUANTITY USED: 2. SEED NAME:	PACKETS Pkt qty PACKETS		Price/packet Total Cost	
3.7	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED:	PACKETS Pkt qty		Price/packet Total Cost KGS	
3.7	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME:	PACKETS Pkt qty PACKETS		Price/packet Total Cost KGS	
3.7	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED:	PACKETS Pkt qty PACKETS Pkt qty		Price/packet Total Cost KGS KGS	
.7	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME:	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty		Price/packet Total Cost KGS	
	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME: QUANTITY USED:	PACKETS Pkt qty PACKETS Pkt qty		Price/packet Total Cost KGS KGS	
	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME:	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty		Price/packet Total Cost KGS KGS KGS	
	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME: QUANTITY USED: Household labour	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty	Tota	Price/packet Total Cost KGS KGS	
3.7	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME: QUANTITY USED:	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty		KGS KGS KGS KGS	
	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME: QUANTITY USED: Household labour	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty	Tota	KGS KGS KGS KGS KGS KGS	
	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME: QUANTITY USED: Household labour	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty	Tota	Price/packet Total Cost KGS KGS KGS KGS Labour Days Al Labour Days Bal Labour Days Bal Labour Days	
	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	2. SEED NAME: QUANTITY USED: 3. SEED NAME: QUANTITY USED: Household labour Hired Labour	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty	Tota	KGS KGS KGS KGS KGS KGS	
	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	QUANTITY USED: 2. SEED NAME: QUANTITY USED: 3. SEED NAME: QUANTITY USED: Household labour	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty	Tota	Price/packet Total Cost KGS KGS KGS KGS Labour Days Al Labour Days Bal Labour Days Bal Labour Days	
	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	2. SEED NAME: QUANTITY USED: 3. SEED NAME: QUANTITY USED: Household labour Hired Labour	PACKETS Pkt qty PACKETS Pkt qty PACKETS Pkt qty	Tota Total La	Price/packet Total Cost KGS KGS KGS KGS Labour Days Al Labour Days Bal Labour Days Bal Labour Days	

				Rs/hr	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?	Option	Code	Specify		
	(INTERVIEWER NOTE: Find out exactly	A. FUNGICIDES	1 2			
	what names/brands respondent used.)	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	Broadcasting	•	1	→F3	
	did you plant in rows in Rabi 2010-11?	In Rows		2		
		DON'T KNOW		999	→ F3	
S3.12	What was the spacing between the rows?			CMS		
	(INTERVIEWER: Measure using a ruler.)			FT		
	<u> </u>			INCHES		
		DON'T KNOW		999		

F3. Fertil	izers										
	E WILL ASK YOU QUESTIONS ABOUT YOUR FERTILIZER US	AGE IN THE L	AST MONTH. Rem	ember t	hese aues	tions	only r	ertain	to vour		
F3.0	Did you solicit or receive any advice	YES			and que		···, ¡	1	1		
	regarding fertilizer last Rabi?	NO						2	→F3.2		
F3.1	Who or what were the TWO most	FIRST				1					
	important sources?										
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND									
	,										
F3.2	Did you use fertilizers last Rabi with your cumin crop?	YFS						1	→F3.4		
	,	NO						2	7.51.		
F3.3	Why did you not use fertilizer?	Wrong time i	n crop phase				1	2	→ P3		
	, ,	Too expensiv					1	2	→ P3		
		Not useful				1	1	2	→ P3		
		Not available					1	2	→ P3		
		Bad experien					1	2	→ P3		
		Don't know h					1	2	→ P3		
		Other (specif				1		888	→ P3		
F3.4	Did you make the decisions on which fertilizers to	YES	11			1		1	/13		
1 3.4	use?	NO						2	→F3.6		
F3.5	If yes, what was the most important factor in	Low Price						1	→F3.7		
1 5.5	determining which fertilizer you used? (CIRCLE ONLY	Safe Yield						2	→F3.7		
	ONE)	High Yield						3	→F3.7		
	,	What farmer	friends use			1		4	→F3.7		
		Availability	menus use					5	→F3.7		
		Availability				1			713.7		
		Soil fertility						6	→F3.7		
		Seed variety						7	→F3.7		
		,									
		General advi	ce (specify source)					8	→F3.7		
									→F3.7		
		Other (specif	у)					888	→F3.7		
									→F3.7		
		Don't know						999	→F3.7		
F3.6	If not, who made the decision?	Use codes fro									
		Other (specif	y)					888			
F3.7	Did you purchase fertilizers or reuse	PURCHAS	<u>E</u>					1			
	from the previous year?	REUSE						2	→F3.10		
F2.0	Which chamical fartilizare did you purchase and use	BOTH Purchase?		A	. 1	Haa	42	3	Cost	(Da)	Cina of book
F3.8	Which chemical fertilizers did you purchase and use for your cumn crop? In what quanties?	YES = 1		Amoun	t 1. 2. litre	Use			1. Cost	(Rs.)	Size of bags in kilos
	ioi your cumii crop: iii what quanties:			kg; 3. No.o	f bags (Size					Total	iii kiios
				of bag i		2. li					
					J-1		o. of	bags			
	A. Urea	1 2		1.	2. 3.	1.	2.	3.	1.	2.	
	B. Ammonium Sulfate	1 2			2. 3.	1.	2.	3.	1.	2.	
-		1 2									
-	C. DAP				2. 3.	1.	2.	3.	1.	2.	
	D. Murate of Potash (MoP)	1 2		1.	2. 3.	1.	2.	3.	1.	2.	

Total Labour Tota	Days wage Cost (Rs.) Size of trolley Total kilo	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	3. 3. 3. 3. 3. Tota	2. 2. 2. 2. 2. 2.	1. 1. 1. 1.	3. 3. 3. 3.	3. 3. 3. 3.	2. 2. 2. 2. 2.	1. 1. 1. 1. 1.		2 2 2 2	1		nutrient Fertilizer	E1. E2. F. Micronutric F1.	
E2	2. 2. 2. 2. 2. 2. Days Days Wage Cost (Rs.) Size trolley Total kild	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	3. 3. 3. 3. Tota	2. 2. 2. 2. 2.	1. 1. 1. 1.	3. 3. 3.	3. 3. 3. 3.	2. 2. 2. 2.	1. 1. 1. 1.		2 2	1			F2. F. Micronutrion F1. F2.	
F. Micronutrient Fertilizer	2. 2. 2. 2. 2. Days Days Wage Cost (Rs.) Size of trolley Total kild	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	1. 1. 1. 1. tal L	3. 3. 3. 3. Tota	2. 2. 2.	1. 1. 1.	3. 3. 3.	3. 3. 3.	2. 2. 2.	1. 1. 1.		2 2	1			F. Micronutri F1. F2.	
F1.	2. 2. 2. 2. Days Days Wage Cost (Rs.) Size of trolley Total kild	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1 Labour Days Daily wage I Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Tota 1. 2. 1. 2. 1. 2.	1.	3. 3. 3. Tota Tota	2. 2. 2.	1. 1.	3. 3.	3. 3.	2. 2. 2.	1.		2 2	1			F1. F2.	
F1	2. 2. 2. 2. Days Days Wage Cost (Rs.) Size of trolley Total kild	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1 Labour Days Daily wage I Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Tota 1. 2. 1. 2. 1. 2.	1.	3. 3. 3. Tota Tota	2. 2. 2.	1.	3. 3.	3. 3.	2.	1.		2				F1. F2.	-
F2.	2. 2. 2. Days Days Wage Cost (Rs.) Size (/unit trolley Total kild	1. 2. 1. 2. 1. 2. 1. 2. 1 Labour Days Daily wage Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	1.	3. 3. Tota Tota	2.	1.	3.	3.	2.	1.		2			D (specific)	F2.	-
G. OTHER (specify) G1.	2. 2. Days Days wage Cost (Rs.) Size of trolley Total kild	1. 2. 1. 2. 1 Labour Days Daily wage Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	1. 1. tal L. tal L. 1 2 ->	3. 3. Tota	2.	1.	3.	3.	2.	1.		2			D (an a sife)		-
F3.10	Days Days Wage Cost (Rs.) Size of trolley Total kilo	1. 2. I Labour Days Daily wage I Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2.	1. tal L. tal L. 1 2 -> 1	3. Tota Tota Tota								2				G OTHER (cn	
F3.10 What were the labour costs for the application of chemical fertilizer for cumin? Household labour Household labour Total Labour	Days Days Wage Cost (Rs.) Size of trolley Total kilo	1. 2. I Labour Days Daily wage I Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2.	1. tal L. tal L. 1 2 -> 1	3. Tota Tota Tota								2			it (specify)		-
F3.10 What were the labour costs for the application of chemical fertilizer for cumin? Household labour Total Labour	Days Days Wage Cost (Rs.) Size of the day o	I Labour Days Daily wage I Labour Cost ⇒P3 Cost (Rs.) 1. Cost/unit 2. Tota 1. 2. 1. 2.	tal L	Tota Tota Tot	2.	1.	3.	3.	2.	1.			1				-
application of chemical fertilizer for cumin? (INTENVIEWER, Remind the respondent to consider multiple applications.) ### Household labour Total Labour	Days wage Cost (Rs.) Size of trolley Total kilo	Daily wage Daily wage Il Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	tal L	Tota								or of Ar					F2 10
(INTERVIEWER: Remind the respondent to consider multiple applications.) Hired Labour	Days wage Cost (Rs.) Size of trolley Total kilo	Daily wage Daily wage Il Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	tal L	Tota								er or Ap	Numl	the	ere the labour costs for the	What were th	F3.10
Total Labour Tot	Days wage Cost (Rs.) Size of trolley Total kilo	Daily wage Daily wage Il Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	tal L	Tota								ehold la	Hous	for cumin?	ion of chemical fertilizer for o	application o	
F3.11 Did you use any organic fertilizers on your cumin crop Yes	wage Cost (Rs.) Size (/unit trolley Total kild	Daily wage il Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2.	tal L 1 2 →	Tot													
F3.11 Did you use any organic fertilizers on your cumin crop YeS 1 1 1 1 1 1 1 1 1	wage Cost (Rs.) Size (/unit trolley Total kild	Daily wage il Labour Cost →P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2.	tal L 1 2 →	Tot								Labour	Hired	s.)	der multiple applications.)	to consider n	
F3.11 Did you use any organic fertilizers on your cumin crop Yes 1 1 1 1 2 2 2 2 3 3 3 3 3 3	(Rs.) Size / /unit trolley Total kild	→P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2.	tal L 1 2 →														
F3.12 Did you use any organic fertilizers on your cumin crop last Rabi? Yes No 2 → P3	(Rs.) Size (/unit trolley Total kild	→P3 Cost (Rs.) 1. Cost/unit 2. Total 1. 2. 1. 2. 1. 2.	1 2 → 1			1											
F3.12 Which organic fertilizers did you purchase and use for your cumin crop? In what quanties? Yes = 1 No = 2 Trolley 2. 1. Trolley 1. Cost Yes = 1 No = 2 Trolley 2. 1. Trolley 1. Cost Yes = 1 No = 2 Trolley 2. 1. Trolley 1. Cost Yes = 1 No = 2 Trolley 2. 1. Trolley 1. Cost Yes = 1 No = 2 Trolley 2. 1. Trolley 1. Cost 1. Trolley	/unit trolley Total kild	Cost (Rs.) 1. Cost/unit 2. Tota 1. 2. 1. 2. 1. 2.	2 →														
F3.12 Which organic fertilizers did you purchase and use for your cumin crop? In what quanties? Yes = 1 No = 2 Trolley 2. 1. Trolley 1. Cost Xes 2. Xes 3. Xes	/unit trolley Total kild	Cost (Rs.) 1. Cost/unit 2. Tota 1. 2. 1. 2. 1. 2.	1			<u> </u>								rs on your cumin crop			F3.11
Ves = 1	/unit trolley Total kild	1. Cost/unit 2. Tota 1. 2. 1. 2. 1. 2.		2	- 42	<u></u>	4			A :		3		. m. maha s =			F2 43
A. Manure /Compost/FYM	Total kili	2. Total 1. 2. 1. 2. 1. 2.		v							-2						F3.12
A. Manure /Compost/FYM		1. 2. 1. 2. 1. 2.	_	У				۷.	y		=2	1	Yes =	.169 [ıını cropr in what quanties?	your cumin c	
B. Biofertilizer		1. 2. 1. 2.	1.	<u> </u>					2.			2	1		ire /Compost/FYM	A. Manure /	
C. Vermicompost		1. 2.				1							_				
D. Cake (Castor cake) 1 2 1. 2.			_			1											
E. OTHER (specify) E1.			1.	2.	2.	1			2.	1.		2	1	-			
E2. 1 2 1. 2. 1. 2																	
F3.13 What was the labour costs for the application of organic fertilizer for cumin? Household labour (INTERVIEWER: Remind the respondent to consider multiple applications.) Hired Labour Total Labour Total Labour Tractor/Bullock Total Labour Total Labour Tractor/Bullock Total Labour		1. 2.	1.	2.	2.	1.			2.	1.						E1.	
application of organic fertilizer for cumin? (INTERVIEWER: Remind the respondent to consider multiple applications.) Hired Labour Total Labour Total Labour Tractor/Bullock Total Labour Total		1. 2.	1.	2.	2.	1.			2.	1.		2	1			E2.	
application of organic fertilizer for cumin? (INTERVIEWER: Remind the respondent to consider multiple applications.) Hired Labour Total Labour Total Labour Tractor/Bullock Total Labour Total														<u> </u>		144	F2 42
(INTERVIEWER: Remind the respondent to consider multiple applications.) Hired Labour											ιπons:						F3.13
to consider multiple applications.) Hired Labour Total Labour Tractor/Bullock Total Labour Tractor/Bullock Total Lobour Tractor/Bullock Total hours or vigh Rs/hr or rs/vigh 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 2011-12 for cumin? NO 2 → P3.2 P3.1 Who or what were the TWO most important sources of advice? (USE SOURCE CODE- DO NOT PROMPT) SECOND P3.2 Did you use any pesticides with your cumin? YES 1 NO 2 → P3.9 P3.4 Did you make the decisions on which pesticides to use? NO 2 → P3.6	Dave	Llabour Dave	tal L	Tota		1						enoiu iai	nous				
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 2011-12 for cumin? NO 2 → P3.2 P3.1 Who or what were the TWO most important sources of advice? (USE SOURCE CODE- DO NOT PROMPT) SECOND P3.2 Did you use any pesticides with your cumin? YES 1 NO 2 → P3.9 P3.4 Did you make the decisions on which pesticides to use? YES 1 NO 2 → P3.9 P3.5 Did you make the decisions on which pesticides to use? YES 1 NO 2 → P3.9 P3.6 Did you make the decisions on which pesticides to use? YES 1 NO 2 → P3.9 P3.6 NO 2 → P3.6 NO 2 → P3.6 P3.7 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 Did you make the decisions on which pesticides to use? YES 1 P3.6 P3.9 P3.6 P3.6 P3.6 P3.6 P3.0 P3.1 P3.2 P3.6 P3.6 P3.1 Did you make the decisions on which pesticides to use? YES P3.6 P3.2 Did you make the decisions on which pesticides to use? YES P3.6 P3.4 Did you make the decisions on which pesticides to use? P3.6 P3.6 P3.6 P3.6 P3.6 P3.7 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8 P3.8	Days	i Laboui Days	lai L	1016		<u> </u>						Lahour	Hirad		•	•	
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 2011-12 for cumin? NO 2 → P3.2 P3.1 Who or what were the TWO most important sources of advice? (USE SOURCE CODE- DO NOT PROMPT) SECOND P3.2 Did you use any pesticides with your cumin? YES 1	Days	l Lahour Days	tal L	Tota								Labour	Tinea	3.1	der manipie applications.	to consider in	
Total Labour Tractor/Bullock Total Co. Total hours or vight Rs/hr or rs/vight 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 2011-12 for cumin? NO 12 →P3.2 P3.1 Who or what were the TWO most important sources of advice? (USE SOURCE CODE- DO NOT PROMPT) P3.2 Did you use any pesticides with your cumin? YES 1 NO 2 →P3.9 P3.4 Did you make the decisions on which pesticides to use? VES 1 NO 2 →P3.6		Daily wage															
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P3.2 Did you use any pesticides with your cumin? YES NO 2 →P3.9 P3.4 Did you make the decisions on which pesticides to use? NO 2 →P3.6			\dashv									CONID		DOMET'		•	
P3.4 Did you make the decisions on which pesticides to use? $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$												COND) SE	KUNIPI)	UKCE CODE- DO NOT PROM	(USE SOURCE	
P3.4 Did you make the decisions on which pesticides to use? $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			+			l								vour cumin?	use any nesticides with your	Did you use a	D2 2
P3.4 Did you make the decisions on which pesticides to use? YES 1 NO 2 →P3.6						<u> </u>								your curiiii:	ase any pesticiaes with your	Dia you use a	1 3.2
use? NO 2 →P3.6		→P3.9	_			<u> </u>											
		→D2 €	_			1								wnich pesticides to	make the decisions on which	-	P3.4
TITES /	+					1						rice		st or disease what	side from the type of pest or		D3 E
was the most important factor in determining which Safe Yield 2 →P3.7																•	, 5.5
pesticide you used? (CIRCLE ONLY ONE) High Yield 3 →P3.7			_														
																-	
What farmer friends use 4 →P3.7											ds use	farmer	What				
Availability 5 →P3.7																	
Soil fertility 6 →P3.7						<u> </u>											
						1						variety	Seed				
		713./	이크	8		4							Haalt				

HOUSEHOLD TALUKA Num: [] VILLAGE JL Num: [][][] HH ID: [][] AGINFO

		General advice (specify source)	9	→P3.7	
				→P3.7	
		Other (specify)	888	→P3.7	
		Don't know	999	→P3.9	
P3.6	If not, who made the decision?	Use codes from A.07			
		Other (specify)	888		

P3.71 Which pe	sticides have y	you pur	rchased and	or used in last Ra	bi 2011									
•			Purchase				Used	Used		Purpose		Application		
	Yes/No) (Quantity	Unit				Unit	Did you purchase	If it was a specific pest,	No.	of Area	of Unit of area	
				1. Lit 2. ml 3.				1. Litre 2. ml	this pesticide to	which one was it? (Use	Applications	Application	1. Acre	
				Kg 4. gm 5.				3. Kg 4. gm	treat :	Code)			2. Bigha	
				bags (Size in	Total cost		Total Quantity	5. bags (Size	1 All pests 2.				3.Guntha	
				kgs)	(Rs.)	Yes/No	Used	in kgs)	Specific pest					
3. Monocrotophos	Υ	Ν				ΥN			1 2					
6. Phosphamidon	Y	Ν				ΥN			1 2					
7. Dimethoate	Y	Ν				ΥN			1 2					
8. Imidachloprid	Y	Ν				ΥN			1 2					
9. Acetamaprid	Y	Ν				ΥN			1 2					
10. Acephat	Y	Ν				ΥN			1 2					
13. Thiamethoxam	Y	Ν				ΥN			1 2					
16. Mancozeb	Y	Ν				ΥN			1 2					
17. Carbendazim	Y	N				ΥN			1 2					
20. Sulphur	Y	N				ΥN			1 2					
21. Other 1	Y	Ν				ΥN			1 2					
22. Other 2	Y	N				ΥN			1 2					

Codes for Purpose

999

Don't know

888

Other

7

Jassids

2

Blight

3

Powdery

Mildew

1

Aphid

4

Wilt

5

White fly

Thrips

	INTERVIEWER CHECKPOINT: If the respondent	did not use	anv r	esticides, only a	sk P3.9 ar	nd P3.9	t	
				,				
P3.9	Have you applied any bio-control methods	YES				1		
	to control pests or diseases last month?	NO				2		
		DON'T	KNO	N		999		
P3.9t	What biological method have you used?	Used Yes/	No	Quantity used	Unit		Total Cost (Rs)	Size of bags
	(CIRCLE ALL THAT APPLY)				1. Nos			kilos
					2. Kg			
					3. Lit			
					4. Bag			
	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. Use of Tricoderma	1	2					
	G. Installation of Sticky cards (yellow/blue)	1	2					
	H. Other (Specify)							
	H1.	1	2					
	H2.	1	2					
P3.10	What was the TOTAL labour costs for the	Number o	f app	ications:				
	application of pesticides and fungicides	Household	d labo	ur				
	last Kharif?						Total labour days	
	(INTERVIEWER: Remind respondent	Hired Labo	our					
	of multiple applications, and all potential			•			Total labour days	
	pests and diseases.)			•			Daily wage	
				•		•	Total labour cost	

SURVEYOR (CHECKPOINT: MAKE SURE THAT THE RESPONDENT USES PESTI	CIDES ON ANY OF HIS CULTIVATED CROPS		
V1.1	If the pesticide you purchased contains instructions for	Yes always	1	
	safe use and handling, do you typically follow these	Yes, some time	2	
	instructions?	No	3	
	-	Not understand	4	
	-	Decline to answer	777	
	-	Other (Specify) DON'T KNOW	888 999	
V1.2a	(Surveyor presents two photographs. One is a pesticide	Pesticide bottle A	999	
V1.2a	bottle with red symbol (A) and the other is a pesticide	Pesticide bottle B	2	
	bottle with green symbol (B)). Is it more important to	Both A and B	3	
	wear a handkerchief around your mouth while spraying	Neither	4	
	pesticide (A) or pesticide (B), is it equally important for	Decline to answer	777	
	both (A) and (B), or is it not necessary for either?	Don't Know	999	
V1.2b	(Surveyor presents two photographs. One is a pesticide	Pesticide bottle A	1	
0 2.2.0	bottle with yellow symbol (A) and the other is a pesticide	Pesticide bottle B	2	
	bottle with green symbol (B)) Is it more important to wear	Both A and B	3	
	an overall jacket while spraying pesticide (A), or pesticide	Neither	4	
	(B), is it equally important for both (A) and (B), or is it	Decline to answer	777	
	necessary for neither?	Don't Know	999	
V1.2c	(Surveyor presents two photographs. One is a pesticide	Pesticide bottle A	1	
	bottle with blue symbol (A) and the other is a pesticide	Pesticide bottle B	2	
	bottle with green symbol (B)) Is it important to wear hand	Both A and B	3	
	gloves while mixing pesticide (A), or psticide (B), is it	Neither	4	
	equally important for both (A) and (B), or is it necessary	Decline to answer	777	
V1 2	for neither?	Don't Know	999	
V1.3	In your opinion, do you believe that some pesticides have worse effects on your health than others, or do all of	Yes: Pesticides have differential effects No: All pesticides have the same effect	1	
	them affect your health the same way?	Decline to answer	777	
	them affect your fleath the same way:	Other (Specify)	888	
		DON'T KNOW	999	
V1.4	Between Monocrotophos and Imidacloprid which	Monocrotophos	1	
	pesticide do you think is more harmful to human health?	Imida .	2	
		Both are harmful to the same extent	3	
		Both are harmless	4	
		Decline to answer	777	
	-	Other (Specify)	888	
244 5	Datuman Associate and Daide which associated at a security in	DON'T KNOW	999	
V1.5	Between Acephate and Pride which pesticide do you think is more harmful to human health?	Acephate Pride	1 2	
	is more narmar to namar nearth:	Both are harmful to the same extent	3	
	F	Both are harmless	4	
		Decline to answer	777	
		Other (Specify)	888	
		DON'T KNOW	999	
V1.6	How harmful do you think exposure to Monocrotophos is	Not Harmful	1	
	to your health on a scale of 1 to 5 (1 not harmful, 5 being	Less Harmful	2	
	very harmful)	Moderately Harmful	3	
	-	More Harmful	4	
	-	Extremely Harmful	5	
	-	Decline to answer DON'T KNOW	777 999	
V1.7	How harmful do you think exposure to Imidachloprid is to	Not Harmful	999	
71.7	your health on a scale of 1 to 5 (1 not harmful, 5 being	Less Harmful	2	
	very harmful)	Moderately Harmful	3	
	· · ·	More Harmful	4	
		Extremely Harmful	5	
		Decline to answer	777	·
		DON'T KNOW	999	
V1.8	How harmful do you think exposure to Acephate is to	Not Harmful	1	
	your health on a scale of 1 to 5 (1 not harmful, 5 being	Less Harmful	2	
	very harmful)	Moderately Harmful	3	
	-	More Harmful Extremely Harmful	<u>4</u> 5	
	 	Decline to answer	<u>5</u> 777	
	<u></u>	DON'T KNOW	999	
V1.9	How harmful do you think exposure to Pride is to your	Not Harmful	1	
	health on a scale of 1 to 5 (1 not harmful, 5 being very	Less Harmful	2	
	harmful)	Moderately Harmful	3	
		More Harmful	4	
		Extremely Harmful	5	

	1		·F	
	-	Decline to answer DON'T KNOW	777 999	
V1.10	Once you have purchased pesticides and it comes time for	Self	1	
V1.10	mixing the pesticide and preparing it for tanks, who	Wife/Husband	2	
	typically does this mixing in your household? (multiple	Son	3	
	answer possible)	Daughter	4	
		Brother	5	
		Other family members	6	
		Hired labor	7	
		Decline to answer	777	
	-	Other (Specify)	888	
		DON'T KNOW	999	
V1.11	Do you, or whoever is mixing the pesticides, wear any protective gear when mixing these pesticides? (multiple	Normal Cloths Gloves	1 2	
	answer possible)	Glasses/Goggles	3	
	answer possible)	Oral/Nasal Mask	4	
	<u> </u>	Handkerchief around mouth	5	
		Special Boots	6	
		Wear Overalls/Special Jackets	7	
		Plastic bags around hands	8	
		None	9	
	-	Decline to answer	777	
	<u> </u>	Other (Specify)	888	
V1.12	Are there additional precautions that you (or whoever is	DON'T KNOW	999	
V1.12	mixing for you) take when mixing pesticides? (multiple	Avoid mixing in eating spaces Wash hands after mixing	2	
	answers possible)	Take bath after mixing	3	
		Wash clothes after mixing	4	
		Mix away from children	5	
		Disposal of container after mixing	6	
		Decline to answer	777	
		Other (Specify)	888	
	During the Kharif coscon, who typically entage necticides	DON'T KNOW	999	
V1.13	During the Kharif season, who typically sprays pesticides	Self	1	
	in your field? (multiple answer possible)	Wife/Husband Son	2	
	F	Daughter	4	
	<u> </u>	Brother	5	
		Other family members	6	
		Hired labor	7	
		Decline to answer	777	
		Other (Specify)	888	
		DON'T KNOW	999	
V1.14	What protective gear do you (or whoever applies	Normal Cloths	1	
	pesticides for you) wear when spraying? (multiple answer possible)	Gloves Glasses/Goggles	2	
	possible)	Oral/Nasal Mask	4	
		Handkerchief around mouth	5	
	<u> </u>	Special Boots	6	
		Wear Overalls/Special Jackets	7	
		Plastic bags around hands	8	
		None	9	
	<u> </u>	Decline to answer	777	
	-	Other (Specify)	888	
V1.15	Do you (or whoever applies pesticides for you) take any	DON'T KNOW Not eat or drink anything	999	
V1.15	other safety measures while spraying pesticides? (multiple	Not Smoking	2	
	answer possible)	Wash Hands with soap	3	
	·	Take bath	4	
		Wash the cloths used	5	
		Keep away from children	6	
		Not use mouth to syphon container	7	
	<u> </u>	Disposal of used container	8	
		Spray pesticides in the same direction	9	
	-	as the wind Decline to answer	777	
	<u></u>	Other (Specify)	888	
	<u> </u>	DON'T KNOW	999	
V1.16	During the Kharif season, who typically harvests your	Self	1	
	cotton crop in the field? (multiple answer possible)	Wife/Husband	2	
		Son	3	
		Daughter	4	-
	—————————————————————————————————————			
		Brother Other family members	5	

		Hired labor	7	
		Not applicable	666	
		Decline to answer	777	
		Other (Specify)	888	
		DON'T KNOW	999	
V1.17	What protective gear do you (or whoever applies	Normal Cloths	1	
	pesticides for you) wear when harvesting cotton?	Gloves	2	
	(multiple answer possible)	Glasses/Goggles	3	
		Oral/Nasal Mask	4	
		Handkerchief around mouth	5	
		Special Boots	6	
		Wear Overalls/Special Jackets	7	
		Plastic bags around hands	8	
		None	9	
		Not applicable	666	
		Decline to answer	777	
		Other (Specify)	888	
		DON'T KNOW	999	

V1.18	Have you experience any of the follow	ving ailments afto	er pesticide application during the Kharif/	Rabi season?	
	INTERVIEWER CHECKPOINT (Skip this	section if V1.13 i	s not SELF)		
		Yes/No	How frequently did you experience this	Did you seek any	Where did you
			ailment? 1. After every application , 2. >	treatment for	seek treatment?
			10 times, 3. > 5-10 times, 4. < 5 times.	this? Yes/No (If	USE CODE
	Nausea	Y N		Y N	
	Vomiting	Y N		Y N	
	Head ache	Y N		Y N	
	Skin irritation	Y N		Y N	
	Eye irritation	Y N		Y N	
	Weakness	Y N		Y N	
	Dizziness	Y N		Y N	
	Loss of consciousness	Y N		Y N	
	Breathlessness	Y N		Y N	
	Others (Specify)	Y N		Y N	
		Codes for way o	of treatment		
1	2	3	4	5	6
Primary Health Centre	Private Clinic in the village	Private Clinic in taluka/district	Civil Hospital	Mobile Ambulance (108)	Other

	INTERVIEWER READOUT: Now, we will ask you qu	estions about loans your household			
	may have. These questions will help us understan				
	, , , , , , , , , , , , , , , , , , , ,	,			
I1.1	Does anybody in the household have any	YES		1	
	debts, such as loans from banks,	NO		2	\rightarrow J
	moneylenders or friends?	DON'T KNOW/WILL NOT SAY		999	
I1.2	Did anybody in the household take out any new	YES		1	
	loans in the past one year?	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	De .			
	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	
		HOUSEHOLD EXPENSES	1	2	
		EDUCATION EXPENSES	1	2	
		OTHER (Specify)		888	
		DON'T KNOW		999	
SAVINGS					
J1.1	Does anyone in your household have a	YES		1	
	savings account of any kind?	NO		2	\rightarrow end
		DON'T KNOW		999	\rightarrow end
J1.2	How many savings accounts does the				
	household have?				
J1.3	What is the total balance in savings of all	Rs.			
	accounts?				

SECTION	7/D).	CLIDVEV	CONTRA	DICON
SECTION	ZIBI:	SURVEY	CUIVIPA	KISUN

					_
INTERVIEWER CHECKPOINT: PLEASE FILL THIS IN BEFORE FILLING IN SECTION Household ID:				. !	

INTERVIEWER: We would now like to ask you some more basic questions about your household and yourself, that will help us further understand agricultural practices and decisions of families in Gujarat. Because these questions come as an addition to our basic survey, you will be compensated with an extra Rs. 20 top-up. This section will however not take more than 10-15 minutes. Can I proceed with the section?

→ FINAL PAGE

	INTERVIEWER: Let me start by a couple questions on your	,		
	NOTE: For all questions, NEVER READ the "do not know" choices. These should be checked only if the respondent being applicable to him, or not knowing the answer or n For MULTIPLE CHOICE QUESTIONS, do not read the answ the respondent's answers to the given options.	expresses on his own either this question not ot wanting to answer.		
Z1.1	Excluding Wednesday push calls, when was the last time		Week	
	that you called into the AO service? (If respondent		Month	
	answers with a time period that is before May 2012,		Year	
	then enter 0 for Z1.2 and go to Z1.3)	Not applicable	666	→ Z1.3
		Don't Know	999	
Z1.2	How many times have you called the AO service in May 2012?			
	2012 ?	Not applicable	666	
		Don't Know	999	
Z1.3	How satisfied would you say you are with the AO	Very Unsatisfied	1	
	service? Very unsatisfied, unsatisfied, indifferent,	Unsatisfied	2	
	satisfied, or very satisfied?	Indifferent	3	
		Satisfied	4	
		Very Satisfied	5	
		Don't Know	999	
Z2	INTERVIEWER: I would now like to ask you some more que What sub-caste would you identify yourself with?	estions about your household.		
22	(Record Verbatim)	Decline to answer	777	
	(necold verbatilit)	Don't Know	999	
Z3.1	How many members does your household count in	Don't Miow	333	
	total?	Decline to answer	777	
	INTERVIEWER: By member of household, we mean all	Don't Know	999	
	INTERVIEWER: We would now like to ask you a few quest			
	activity. Please count each member of the household – inc	cluding you - only once. If a member fits into more	?	
Z3.2	How many members of your household are above 16	Darling to a second	777	
	and are working on your own land? (Please count	Decline to answer Don't Know	777 999	
Z3.3	anyone whose main activity is to work on farming How many members of your household are above 16	DOILERION	999	
23.3	and working from home? (This includes anyone working	Decline to answer	777	
	on non-farming activities from the household's home)	Don't Know	999	
Z3.4	How many members of your household are above 16			
	and are working outside the house but not on your	Decline to answer	777	
	land?	Don't Know	999	
Z3.5	How many members of your household are above 16			
	and stay at home and do not work during the day?	Decline to answer	777	
72.6	(retirees, housewife)	Don't Know	999	
Z3.6	How many members of your household are under 16 and are in school?	Decline to answer	777	
	מוזע מוכ ווו אנווטטו:	Don't Know	999	
Z3.7	How many people in this household are under 16 and	20 CINION	333	
	are either at home or working during the day?	Decline to answer	777	
		Don't Know	999	
	How many people in this household have an other type			
Z3.8		Decline to answer	777	
Z3.8	of activity and haven't been accounted for in the			
Z3.8	of activity and haven't been accounted for in the previous categories?	Don't Know	999	
ITERVIEW		Don't Know = This should be equal to Z3.1. that he hasn't forgotten a member, or counted a		vo differe
ITERVIEW	previous categories? ER CHECKPOINT: Z3.2 + Z3.3 + Z3.4 + Z3.5 + Z3.6 + Z3.7 + Z3.8 the respondent through his answers and ask him to confirm to	Don't Know = This should be equal to Z3.1. that he hasn't forgotten a member, or counted a self.		vo differe
TERVIEW not, walk tegories.	previous categories? ER CHECKPOINT: Z3.2 + Z3.3 + Z3.4 + Z3.5 + Z3.6 + Z3.7+ Z3.8 the respondent through his answers and ask him to confirm to Make sure the respondent hasn't forgotten to count him/hers.	Don't Know = This should be equal to Z3.1. that he hasn't forgotten a member, or counted a self.		vo differe
ITERVIEW	previous categories? ER CHECKPOINT: Z3.2 + Z3.3 + Z3.4 + Z3.5 + Z3.6 + Z3.7 + Z3.8 the respondent through his answers and ask him to confirm to Make sure the respondent hasn't forgotten to count him/hers. INTERVIEWER: I now have some general questions about	Don't Know =	member twice in tv	vo differe
not, walk ategories.	previous categories? ER CHECKPOINT: Z3.2 + Z3.3 + Z3.4 + Z3.5 + Z3.6 + Z3.7 + Z3.8 the respondent through his answers and ask him to confirm to Make sure the respondent hasn't forgotten to count him/hers INTERVIEWER: I now have some general questions about How is your own health in general? Is it very bad, bad,	Don't Know =	member twice in tv	vo differe

Z4.2	Ţ	_ " .		
Z4.2		Decline to answer	777 999	
24.2	How is your spouse's health in general? Is it very bad,	Don't Know Very Bad	999	
	bad, fair, good, very good?	Bad	2	
	NOTE: if the respondent says he/she is either not	Fair	3	
	married, or widowed, then circle "Not applicable"	Good	4	
		Very good	5	
		Not applicable	666	
		Decline to answer	777	
		Don't Know	999	
Z4.3	How is your eldest child's health in general? Is it very	Very Bad	1	
	bad, bad, fair, good, very good?	Bad	2	
	NOTE: if the respondent says he/she does not have	Fair	3	
	children, then circle "Not applicable"	Good	4	
		Very good	5	
		Not applicable	666	
		Decline to answer	777	
	INITEDVIEWED. We would now like to column a few most	Don't Know	999	
	INTERVIEWER: We would now like to ask you a few questi profession, and of services in your village and district.	ions about your opinion of farming as a		
Z5.1	How would you rate the quality of education in the	Very Bad	1	
	closest primary school: Very bad, Bad, Fair, Good, or	Bad	2	
	Very good?	Fair	3	
		Good	4	
		Very good	5	
		Not applicable	666	
		Decline to answer Don't Know	777 999	
Z5.2	How would you rate the quality of health services at the	Very Bad	999	
25.2	primary health centre: Very bad, Bad, Fair, Good, or			
	Very good?	Bad	2	
	very good.	Fair	3	
		Good	4	
		Very good	5	
		Not applicable	666	
		Decline to answer	777	
		Don't Know	999	
Z5.3	How would you rate the quality of the services of the	Very Bad	1	
25.5	Gram Sewak: Very bad, Bad, Fair, Good, or Very good?	Bad	2	
	Grain Sewak. Very Baa, Baa, rail, Good, or Very good.	Fair	3	
		Good	4	
		Very good	5	
		Not applicable	666	
		Decline to answer	777	
		Don't Know	999	
Z5.4	How would you rate the quality of the work of NGOs in	Very Bad	1	
	your village: Very bad, Bad, Fair, Good, or Very good?	Bad	2	
		Fair	3	
	!	Good	4	
		Very good	5	
		Not applicable	666	
		Decline to answer	777	
		Decline to answer		
		Don't Know	999	
	INTERVIEWER: Let me now please ask you some simple qu	Don't Know	999	
Z 6	INTERVIEWER: Let me now please ask you some simple que How do you usually save money?	Don't Know	1	
Z 6	<u> </u>	Don't Know uestions about your savings habits		
Z6	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc)	1 2 3	
Z6	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc.	1 2 3 4	
Z6	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save	1 2 3 4 5	
Z6	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify)	1 2 3 4 5 888	
Z6	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer	1 2 3 4 5 888 777	
	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?".	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know	1 2 3 4 5 888	N70.4
Z6 Z7.1	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?". Imagine you have to spend a large amount of money	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know Rs	1 2 3 4 5 888 777 999	→ Z8.1
	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?". Imagine you have to spend a large amount of money today because of an emergency (such as an illness, a	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know Rs Decline to answer	1 2 3 4 5 888 777 999	→ Z8.1
	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?". Imagine you have to spend a large amount of money today because of an emergency (such as an illness, a damage to your house), and can only use your	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know Rs	1 2 3 4 5 888 777 999	→ Z8.1
	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?". Imagine you have to spend a large amount of money today because of an emergency (such as an illness, a damage to your house), and can only use your household's savings and assets. Remember, you cannot	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know Rs Decline to answer	1 2 3 4 5 888 777 999	→ Z8.1
	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?". Imagine you have to spend a large amount of money today because of an emergency (such as an illness, a damage to your house), and can only use your household's savings and assets. Remember, you cannot borrow money but have to use your own. What is the	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know Rs Decline to answer	1 2 3 4 5 888 777 999	→ Z8.1
	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?". Imagine you have to spend a large amount of money today because of an emergency (such as an illness, a damage to your house), and can only use your household's savings and assets. Remember, you cannot	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know Rs Decline to answer	1 2 3 4 5 888 777 999	→ Z8.1
	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?". Imagine you have to spend a large amount of money today because of an emergency (such as an illness, a damage to your house), and can only use your household's savings and assets. Remember, you cannot borrow money but have to use your own. What is the	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know Rs Decline to answer	1 2 3 4 5 888 777 999	→ Z8.1
	How do you usually save money? (circle all that apply) NOTE: Do not probe answers. Read the question, and then match the respondent's answers to the given options. Here, circle all options corresponding to what the respondent said. After the respondent has given one answer, probe him to see if he/she saves in other ways "Do you save in any other way?". Imagine you have to spend a large amount of money today because of an emergency (such as an illness, a damage to your house), and can only use your household's savings and assets. Remember, you cannot borrow money but have to use your own. What is the	Don't Know uestions about your savings habits Cash Jewelery, gold, and precious metals. Durables (land, cattle, etc) Financial products: Savings, Life Insurance etc. I don't save Other (specify) Decline to answer Don't Know Rs Decline to answer	1 2 3 4 5 888 777 999	→ Z8.1

Z7.2	Imagine you have to spend a large amount of money	Z7.21. Rs 1.000		1. Yes 2.	
	today because of an emergency, and can only use your			No 999.	
	household's savings and assets. Remember, you cannot			DNK	
	borrow money but have to use your own. Would you be	Z7.22. Rs 5.000		1. Yes 2.	
	able to spend the following sum?			No 999.	
	NOTE: Read out each amount one at a time. Record the			DNK	
	answer before moving on to the next amount. Record	Z7.23. Rs 10.000		1. Yes 2.	
	ALL answers. Do not stop once a respondent has said	27.23.113 10.000		No 999.	
	"No".				
	INO .			DNK	
		Z7.24. Rs 20.000		1. Yes 2.	
				No 999.	
				DNK	
		77.3E Dc 30.000			
		Z7.25. Rs 30.000		1. Yes 2.	
				No 999.	
				DNK	
		Z7.26. Rs 50.000		1. Yes 2.	
				No 999.	
				DNK	
	INITED VIEWED, No. of Later Annual Control of the C	and the state of the state of			
	INTERVIEWER: Now, I'd like to ask you some more question	ons about agriculture			
70 1	At the time of sale, what measure is used to access the	Stanle length		1	
Z8.1	At the time of sale, what measure is used to assess the	Staple length		1	
	quality of raw cotton?	Seed weight		2	
		Oil content		3	
		Other (specify)		888	
		Don't Know		999	
Z8.2	What is Potash?			333	
20.2	I .	Other (enerit)		000	
	Record verbatim	Other (specify)		888	
		Don't Know		999	
Z8.3	Out of these four which one is a fungicide?	Confidor		1	
		Dicofol		2	
		Bavistin		3	
		Monocrotophos		3	
				4	
		Don't Know		999	
	INTERVIEWER: Finally, I'd like to ask you some simple mat	hs questions, that will help us u	nderstand better		
	how you make your decisions				
Z9.1	How much is 5 + 3?				
29.1	HOW ITIUCITIS 5 + 5 !	DON'T WHOW		200	
		DON'T KNOW		999	
Z9.2	If you have Rs. 32 and someone gives you				
	Rs. 58, how much money do you have?	DON'T KNOW		999	
Z9.3	What is 3 times 7?				
		DON'T KNOW		999	
Z9.4	If you have three friends and would like to give each one	20.11.11.1011		333	
29.4	, , , , , , , , , , , , , , , , , , ,	DON'T WHOW	1	200	
	five sweets, how many sweets must you give away?	DON'T KNOW		999	
Z9.5	What is one-tenth of 200?				
	What is one-tentified 200!	DON'T KNOW		999	
Z9.6	Suppose you borrowed Rs. 100 from a moneylender, and	LESS THAN RS. 104		1	
	the rate of interest was 4% per month. If you made no	EXACTLY RS. 104		2	
	repayment for three months, how much would you owe:	MORE THAN RS. 104		3	
	Less than Rs. 104, exactly Rs. 104, or more than Rs. 104.	DON'T KNOW		999	
Z9.7	Suppose you need to borrow Rs 1000. Two people offer				
	you a loan. One loan requires you pay back Rs. 1300 in				
	one month. The second loan requires you to pay back .	RS. 1300 IN ONE MONTH		1	
			ONE MONTH	2	
	Rs. 1000 plus 25 % increase in one month. Which loan is	RS. 1000 + 25% INTEREST IN	ONE WONTH		
	a better deal for you?	DON'T KNOW		999	
	INTERVIEWER: Thanks a lot for your time, your Rs. 20 top-	up will be charged to your phon	ie very shortly. I		
	have one final question for you. Your answer will be used				
Z10	<u>'</u>	, , , , , , , , , , , , , , , , , , , ,			
210	On a scale of 1-5 of would you rate my performance as a	1 2	3 4	5	
	surveyor?	- -		5	
INTERVIEV	/ER CHECKPOINT: THE NEXT QUESTIONS SHOULD NOT BE ASKE	D TO THE RESPONDENTS, BUT	FILLED BY THE SUF	RVEYOR	
Z11.1					DO NOT ASK
					THE QUESTION -
	Did the respondent ask for clarification, or any question?	Never Almost never No	ow and then Ofte	en Vervoften	
	2.4 the respondent ask for clarification, or any question!	Never Almost flever NC	,, und then Oll	en very onen	SURVEYOR
					ASSESMENT
Z11.2	How focused was the respondent on a scale of 1-5?				DO NOT ASK
	(1=very distracted, 5=very focused)				THE QUESTION -
		1 2	3 4	5	SURVEYOR
					ASSESMENT

Z11.3	Did you feel the respondent was reluctant to answer any question?	Never Almost never Now and then Often Very often	DO NOT ASK THE QUESTION - SURVEYOR ASSESMENT
Z11.4	Did anyone help the respondent answer, or seemed to be present at the time of survey?	1. Yes 2. No 999. DNK	DO NOT ASK THE QUESTION - SURVEYOR ASSESMENT

HOUSEHOLD	TALUKA Num: [1 VILLAGE JL Num: [1[]][1 HH ID: [1[1	AGINFO

I,, AGRICULTURAL INFORMATION SURVEY	CERTIFY THAT I HAVE RECEIVED MY TOTAL TOP-UP FOR PARTICIPATING IN THE WITH CMF-DSC-SAJJATA SANGH.
DATE:	
INTERVIEWER NOTE: RECORD THE TOP-L	JP SERIAL NUMBER:

THANK THE FARMER FOR HIS TIME AND PARTICIPATION.