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 For your participation in the study, you will receive a phone top-up value of Rs. 50 for the paper surveys and a Rs. 30 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 identifiable manner with DSC, SS or other NGO staff.
Furthermore, we will be asking you some questions about your top agricultural contacts. We will ask you to provide us with their contact information, after which we will contact them to ask them the same questions that we ask you today and offer them the same compensation. By doing this, we hope to understand with more accuracy how you and your contacts discuss and make decisions about agriculture. You may refuse to give this information; your contacts may also refuse to participate in the study at any point. In the latter case, any information you have provided about them will be deleted from our data.
Your data will be kept completely confidential in a secure location in the Ahmedabad CMF office. Once the research is completed, the paper documents will be destroyed. An electronic version of the data will be stored at Harvard Business School without any personally identifiable information. These data may be made available to other researchers, again without any
You can also contact Ishani Desai (email ishani.desai@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 vivekirma@gmail.com. Whom to contact about your rights in this research, for questions, concerns, suggestions, or complaints that are not being addressed by the researcher, or research-related harm: Committee on the Use of Human Subjects in Research at Harvard University, 1414 Massachusetts Avenue, Second Floor,
Do you agree to participate in the study?
YES
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......  $1 \rightarrow BEGIN SURVEY$ 

INTER	VIEWER: COMPLETE BEFORE BEGINNING TH	IE MODULE				
0.4.4	Planti Nama	D. Dii-Ni				
0.1A	Block Name:	B. Block N	umber:			
0.2A	District Name:	B. District	Number		-	
0.27	District Name.	_ D. District	ivuilibei.			
0.3A	Village name:	B. Village I	Number:			
0.4	Household ID Number:					
0.5	Respondent ID Number:					
NOTE:	Make sure the respondent is the CHIEF AG	RICULTURAL	DECISION	I-MAKER of the househ	old.	
		_				
	Crops grown:	Cotton	Y	N		
		Wheat	Y	N		
		Cumin	Υ	N		
0.6	Household Address:					
0.7	Landline Telephone:					
0.8A	Primary Mobile Telephone No.:					
	NOTE: Confirm that this number is the sa		-			
	missed call to make sure the number is co					
	number and give it a missed call. Make su			the respondent's own	or one that	
	he has regular access to, i.e. should be wi	ithin the hous	sehold.			
0.8B	Mobile Network 1:				-	
0.66	IVIODIIE NELWOIK 1.				-	
0.8C	Alternate Mobile No:					
0.00	NOTE: Double-check mobile number with	n household.	If there is	no number in 0.8A.		
	there should be no number written here.			,		
0.8D	Mobile Network 2:					
0.9	Interviewer Name:					
0.10A	Date of visit 1: Day	Month		Year		
0.10B	Start Time 1 : Hour Min	Ш				
0.400	Sud Time 4. House					
0.10C	End Time 1: Hour	Mir				
	Note: If it takes more than one visit to fin	ish surveying	the hous	sehold inlease record th	ne time of	
	second visit on the following page.	iisii sui veying	, the nous	senoiu, piease recoru ti	le time or	
	second visit on the following page:					
0.11A	Date of visit 2: Day	Month		Year		
					$\dashv$	
0.11B	Start Time 2 : Hour Min					
0.11C	End Time 2: Hour	Mir				

INTERV	IEWER: COMPLETE AFTER FINISHING THE N	MODULE	
0.13	COMPLETED:	YES1	
		NO2	

COMPLETE AFTER FINISHING THE MODULE	
SCRUTINIZED BY (Name of supervisor)	
Date: Day Month	
SCRUTINIZED BY (Name of monitor)	_
Date: Day Month	
BACKCHECKED BY (Name of supervisor)	
Date: Day Month	
BACKCHECKED BY (Name of monitor)	
Date: Day Month	

SECTION	A: HOUSEHOLD INFORMATION			
	INTERVIENATED. To begin our will calculate			
	INTERVIEWER: To begin, we will ask you s	ome basic questions about you and your h	ousenoia.	
AN RASI	C HOUSEHOLD INFORMATION			
A0.1	What is the name of the head of the	T		
70.1	household?			
A0.2	What is the age of the head of the	AGE		
	household?	AGE RANGE		
		DON'T KNOW	999	
A0.3	Is this person male of female?	MALE	1	
		FEMALE	2	
A0.4	Who is the person who makes all the			
	agricultural decisions?			
	INTERVIEWER CHECKPOINT: FOR THIS MOD	DULE INTERVIEW THE PERSON WHO MAKES	S ALL	
	DECISIONS RELATED TO AGRICULTURE.			
A0.5	Name of the respondent			
	NOTE: Match name in A0.4.			
A0.6	Are you the head of the household?	YES	1	→A0.8
		NO	2	
A0.7	Relationship to the head of the household	SPOUSE / PARTNER	1	
		SON / DAUGHTER	2	
		SON-IN-LAW / DAUGHTER-IN-LAW	3	
		STEPSON / STEPDAUGHTER	4	
		GRANDCHILD	5	1
		BROTHER / SISTER	6	1
		BROTHER-IN-LAW / SISTER-IN- LAW	7	1
		FATHER / MOTHER	8	1
		FATHER-IN-LAW / MOTHER-IN-LAW	9	1
		OTHER FAMILY (SPECIFY)	10	1
A0.8	INTERVIEWER CHECKPOINT: Is the	OTHER (SPECIFY)  MALE	888	
AU.6	respondent male or female?	FEMALE	2	+
A0.9	How many people are in this household?	ILIVIALL	2	
A0.5	READOUT: By that I mean all people, includi	pg children, who 1) live under this "roof" or	within the	
	same house at least 30 days in the past year	, and 2) when they are together , they share	e food.	

	JSEHOLD ROSTER		
	WER CHECKPOINT: ASK THE FOLLOWING QU	ESTIONS FOR THE MAIN RESPONDENT (I.	E. THE AGRICULTURAL DECIS
/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	CLASS 1	1
	education 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/DA	1	
	ANSWER) (Don't prompt)	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 any positions in your	YES	1	
	community?	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	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	

HOU	SEHOLD INCOME				
A3.1	From which sources did you make money from t	arif season until now (10 months)?			
	NOTE: Make sure the respondent gives INCOME				
	and tick profit box				Income or profit?
		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 Busir	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

SECTION B2. HOUSEH	OLD LANDHOLDINGS A	ND PLOT DET	ΓAILS								
									_		
	Soil Codes										
	1-Black soil			4-Loam Soil			7-Salt-affe	cted soil			
	2-Medium Blac	k soil		5-Hill Soil			888-other	(specify)			
	3-Sandy Soil			6-Mixed sand	l and black s	oil					
B2.1 Plot Table											
										7	

INTERVIEWER CHECKPOINT: Please ask following questions for all plots the respondent owned and farmed (i.e. rented in, sharecropped or pawned in) during the Last Kharif (2012) and the Last Rabi (2012-13). Once you reach Plot Status (B) and (C) use the plot status codes to fill in this in.

1		Are	ea [A]			M) H code) (O) area (P) H code) (Q) code) (S) 2								'	
Plot No.	Address/Marker [O=old; N=new; S=sold]		(A,B,G)	Status	Rabi 2012-	1 area (N)	2 Name (use	Crop 2	Name (use	area (~R)	Name (use H		/ Irrigat	ed -	Soil [K]
1													1	2	
2													1	2	
3													1	2	
4													1	2	
5													1	2	
6													1	2	
7													1	2	
8													1	2	
9													1	2	
10													1	2	
B2.2			from the		Unit (A,B,G)										

SECT	ON H. HARV	EST							
	INTERVIEW	ER READOUT:	Now we will	ask you abo	ut the crops	you grew durin	g last Kharif or	Rabi	
	and your m	arket opportu	nities for the	se crops.					

H 1.0 Did	d you grow	the ar	y of the	following crops	in the LAST K	HARIF	(201	2) (	OR LAST RABI (20	12-201	13)?				
Cro	op [A]	Cult.?	[B]	Date of Harvest (ww/mm ) [C]		Unit   maur kilo-2 quint pula	d-1, , 3-		Qty. Sold [K]	Unit [ 1, kild quint	-2,	5-	Price per unit [G]	Total Value of Output [H]	Yield (maund/bigha ) [M]
1 Cot	otton	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
2 Cas	stor	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
3 Wh	heat	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
4 Cur	ımin	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
5 Baj	jri	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
6 Jov	war	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
9 Ses	same	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
<b>10</b> Pul	lses	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
11 Veg	getables	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
12 Cor	rn	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
13 Gro	oundnut	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
14 Raj	jko	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
15 Gu	ıar	1	2	1. 2.		1 2	2 3	4		1	2	3 4			
16 Oth	her 1			1. 2.		1 2	2 3	4		1	2	3 4			

SECTION	K1: AGRICULTURAL INFORMATION				
	INTERVIEWER NOTE: Do not mention Avaaj	Otalo by name in these section	s as an optic	on.	
	INTERVIEWER NOTE: Use the ladder scale p	rovided to rate trust in informa	tion		
	sources. A rating of 1 means least trustwort	thy whereas a rating of 10 mea	ns most		

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	

ı. sou	RCES				
K1.1	Have you ever received agricultural advice	YES		1	
	from a 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	Yes - 1, No - 2	Trust in	Frequency	Quality of
	make agricultural decisions? (NOTE: Ask	,	Source	Code (at	informatio
	respondent about every source.)		(Score from		received
	, , , , , , , , , , , , , , , , , , , ,		1 to 10)	section)	(Score from
			,	,	1-10)
	1. Past experience	1 2			2 20)
	2. TV program	1 2			
	Others	Name (Use co	ode)		
	3. Cell phone based information	1 2	/		
	Others	Name(Use co	de)		
	4. Newspaper / magazines	1 2	,		
	Others	Name (Use Cod	e)		
	5. Government extension worker	1 2	-,		
	6. NGO	1 2			
	Others	Name (Use code	<b>\</b>		
	7. Other farmers	1 2	,		
	8. Agro shop	1 2			
	9. Trader / Commission Agent	1 2			
	10. Radio (also include Gam No Choro for th	I .			
	11. Krushi Mela	1 2			
	888. Other	Specify			
	999. Don't know	Specify			
K1.4	399. DOILE KIIOW				
K1.4	Of these sources in K1.3, what are your top				
	two sources for agricultural information?	Information Source	Code		
			coue		
	(READOUT: these can be media or persons)	FIRST			
		SECOND			
	NOW WE WILL GET MORE SPECIFIC ABOUT	DIFFERENT AGRICULTURAL INF	ORMATION.		
K1.5	What is your most important information	TOPIC		SOURCE	
	source regarding:	Crop decision			
	(USE SOURCE CODE or options in K1.3)	Soil/field preparation			
	·	Seeds			
		Fertilizers			
		Pest identification			
		Pesticide usage			
		Irrigation			
				<del>                                     </del>	
		IWeather			
		Weather Harvesting			

Storage/Selling		1	(a		
Name of NGO:   Name					
The company			·		
Marcon   February   Marcon			Other (Specify)		
NO	K1.6	Did you attend any agricultural training or	YES	1	
Month   Mont		demonstrations in the past year?	If yes, how many?		
Reference   Never				2	
NEVER	K1.7	When was the last time you attended an	MONTH:		
Non		agricultural demonstration?	YEAR:		
Which organization or group conducted these demonstrations or training? (CIRCLE ALL THAT APPLY- DO NOT PROMPT)   Government Krushi Mela   1			NEVER	666	
CIRCLE ALL THAT APPLY- DO NOT   PROMPT   PROMPT   AO			DON'T KNOW	999	
CIRCLE ALL THAT APPLY- DO NOT   PROMPT    CMF/DSC/Sajjata Sangh/AKRSP   1 2   AO	K1.8	Which organization or group conducted	Government Krushi Mela	1 2	
RCO   1 2   2   2   2   2   2   2   2   2		these demonstrations or training?	Gram Sevak	1 2	
Other NGO		(CIRCLE ALL THAT APPLY- DO NOT	CMF/DSC/Sajjata Sangh/AKRSP	1 2	
Name of NGO:   Agricultural University   1 2   Private company   1 2   Other   888   888		PROMPT)	AO	1 2	
Agricultural University			Other NGO	1 2	
Note   Private company   1   2     Other     S888   S88   Subject   S88   Subject   S88   S88   S88   Subject   S88   Subject   S88   S88   Subject   Subject   S88   S88   Subject   S88   Subject   S88   S88   Subject   S88   S88   Subject   S88   Subject   S88   S88   Subject   S88   Subject   S88   S88   Subject   S88   Subject   S88   Subject   S88   Subject   S88   Subject   S88   Subject   S88   Subject   S88   S88   Subject   S8			Name of NGO:		
K1.9 How would you rate your own knowledge about agriculture on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.91 How would rate your own knowledge about pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very low and 5 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.93 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.93 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to			Agricultural University	1 2	
K1.9 How would you rate your own knowledge about agriculture on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.91 How would rate your own knowledge about pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very low and 5 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.93 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.93 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to 5, 1 being very low about fertlizers on a scale of 1 to			Private company	1 2	
about agriculture on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.91 How would rate your own knowledge about pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.93 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.94 Are there aspects of your agriculture where you feel you would benefit from receiving				888	
about agriculture on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.91 How would rate your own knowledge about pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very high?  K1.92  K1.93  K1.94  Low  Very low  Low  Medium  High  Very high  Very high  Very low  1  Low  Very low  1  Low  Medium  High  Very low  1  Low  2  Medium  High  Very high  2	K1.9	How would you rate your own knowledge	Very low	1	
K1.91 How would rate your own knowledge about pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.93 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.94 Are there aspects of your agriculture where you feel you would benefit from receiving			Low	2	
K1.91 How would rate your own knowledge about pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.93 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.94 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.95 Medium  High  Very low  1  Low  2  Medium  3  High  Very low  5  Medium  4  Very low  5  Now  1  Now  2  Medium  4  Very high  5  Now  2		being very low and 5 being very high?	Medium	3	
K1.91 How would rate your own knowledge about pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.93 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low			High	4	
pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.10 Are there aspects of your agriculture where you feel you would benefit from receiving			Very high	5	
pesticides and pest and pest management on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.92 How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?  K1.10 Are there aspects of your agriculture where you feel you would benefit from receiving	K1.91	How would rate your own knowledge about	Very low	1	
being very high?       High       4         Very high       5         K1.92       How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?       Very low       1         Low       2         Medium       3         High       4         Very high       5         K1.10       Are there aspects of your agriculture where you feel you would benefit from receiving       YES       1         NO       2				2	
K1.92       How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?       Very low       1         Low       2         Medium       3         High       4         Very low       5         Wedium       3         High       4         Very high       5         K1.10       Are there aspects of your agriculture where you feel you would benefit from receiving       YES       1         NO       2		ļ	Medium	3	
K1.92         How would you rate your own knowledge about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?         Very low         1           K1.10         Are there aspects of your agriculture where you feel you would benefit from receiving         YES         1           NO         2           NO         2			High	4	
about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?		1 ,	Very high	5	
about fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?	K1.92	How would you rate your own knowledge	Very low	1	
High 4 Very high 5  K1.10 Are there aspects of your agriculture where you feel you would benefit from receiving NO 2			Low	2	
High 4 Very high 5  K1.10 Are there aspects of your agriculture where you feel you would benefit from receiving NO 2		very low and 5 being very high?	Medium	3	
K1.10 Are there aspects of your agriculture where you feel you would benefit from receiving NO 2		1	High	4	
K1.10 Are there aspects of your agriculture where you feel you would benefit from receiving NO 2			Very high	5	
you feel you would benefit from receiving NO 2	K1.10	Are there aspects of your agriculture where		1	
			NO	2	
		more advice than you are currently	DON'T KNOW	999	

SECTION H	(2: NETWORKS AND INFORMATION SOURCES			
	INTERVIEWER NOTE: Do not mention Avaaj Otalo by	name in these sections as an option	•	
K2. Inform	nation Sharing and Networks			
K2.1	Do you use your cellphone to talk to fellow farmers	YES	1	
	about agriculture?	NO	2	
K2.2	Provide the names and phone numbers of three	PERSON 1:		ID:
	fellow farmers you talk to MOST FREQUENTLY about	CELL PHONE: Y / N NO:		
	agriculture. (INTERVIEWER NOTE: Please record	PERSON 2:		ID:
	name in the following manner: CASTE/FIRST/LAST. If	CELL PHONE: Y / N NO:		
	the farmer does not have a number, ask whether the	PERSON 3:		ID:
	friend has a phone or not.)	CELL PHONE: Y / N NO:		
PERSON 1	INTERVIEWER: MATCH FRIEND NAMES WITH RESPON	NDENT LIST AND RECORD ID IF MATO	CHED.	
K2.31.1	Usually, during the Kharif or the Rabi season how	ONCE A WEEK	1	
	often did you talk to this friend in a month?	TWICE A WEEK	2	
	2.12.1 and you can to this ment in a month.	MORE THAN TWICE A WEEK	3	
		ONCE A MONTH	4	
		TWICE A MONTH	5	
		MORE THAN TWICE A MONTH	6	1
		LESS THAN ONCE A MONTH	7	
		ONCE A SEASON	8	
		NEVER-DID NOT MEET	9	
K2.31.2	Is this person a village or a plot neighbour?	VILLAGE NEIGHBOUR	1	
	(MULTIPLE ANSWERS POSSIBLE.)	PLOT NEIGHBOUR	2	
		NEITHER	3	
K2.31.3	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	
K2.31.4	How far does this person live from you?	Neighbour	1	
		0- 2 kms in same village	3	
		2 - 5 kms in same village 5 - 10 kms in same village	4	
		In a different village	5	
		Other (specify)	888	
		DON'T KNOW	999	
K2.31.5	How far is this person's farm from yours?	Neighbour	1	
	(INTERVIEWER: Take that plot where the farmers	0- 2 kms in same village	2	
	meet or have the highest likelihood of meeting most	2 - 5 kms in same village	3	
	frequently.)	5 - 10 kms in same village	4	
	· · · · ·	In a different village	5	
		Other (specify)	888	
		DON'T KNOW	999	
K2.31.6	Do you normally talk to this person about agriculture	IN PERSON	1	
	over 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	4
	ŀ	YOUR FARM PLOT	3	1
	-	FRIEND'S FARM PLOT	5	-
	+	VILLAGE CENTRAL LOCATION OTHER	888	-
K2.31.72	Have you gone to this friend's house or form	YES	888	
KZ.31./Z	Have you gone to this friend's house or farm specifically to discuss agricultural topics?	NO YES	2	
K2.31.73	Has this friend come to YOUR house or farm	YES	1	
	specifically to discuss agricultural topics?	NO	2	
	Have you given any agricultural information to this	YES	1	1

	friend during the last Kharif or Rabi?	NO	2	→ K2.31.83
	mena daring the last Mani of Masi.	DON'T KNOW	999	→ K2.31.83
K2.31.82	If yes, on what topics? (MULTIPLE ANSWERS	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	YES	1	
	this 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	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	YES	1	
	from observing the field of this friend during the last	NO	2	→ K2.31.87
	kharif or Rabi?	DON'T KNOW	999	→ K2.31.87
K2.31.86	If yes, what did you observe? (MULTIPLE ANSWERS	Crop Decision	1	
	POSSIBLE)	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 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	
(2.31.11.1	During the last Kharif or Rabi, did you recommend	YES	1	1
	any inputs to this friend?	NO	2	→K2.31.13
	WI	DON'T KNOW	999	→K2.31.13
(2.31.11.2	What were these inputs?	Chemical Fertilizer	1 2	1
	(MALLITIDI E ANICA/EDG DOCCIDI E)	Name:		4
	(MULTIPLE ANSWERS POSSIBLE)	Name:	1 2	
	(1 = YES, 2 = NO)	Pesticide	1 2	
	(Han and an function that adaptions)	Name:		4
	(Use codes from the cde sheet)	Name:	1 2	4
		Different seed variety	1 2	-
		Name:		-
			000	1
		Other (Please specify)	888	1
		DON'T KNOW	999	1
K2.31.13	How would you rate this person's	Very low	1	
	knowledge about agriculture on a scale	Low	2	1
	of 1 to 5, 1 being very low and 5 being	Medium	3	1
	very high?	High	4	1
	. •	Very high	5	1
K2.31.1	How would rate this person's knowledge about	Very low	1	
	pesticides and pest and pest management on a scale	-	2	1
	para and para and para management on a source			<u>.</u> 1

	of 1 to 5, 1 being very low and 5 being very high?	Medium	3	
		High	4	
		Very high	5	
K2.31.1	How would rate this person's knowledge about	Very low	1	
	fertlizers on a scale of 1 to 5, 1 being very low and 5	Low	2	4
	being very high?	Medium	3 4	1
		High Very high	4 5	1
PERSON 2		very mgm		
K2.32.1	Usually, during the Kharif or the Rabi season how	ONCE A WEEK	1	
	often did 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	<u> </u>
		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	
K2.31.4	How far does this person live from you?	Neighbour	1	
		0- 2 kms in same village	2	
		2 - 5 kms in same village	3	
		5 - 10 kms in same village	4	
		In a different village	5	
		Other (specify)	888	
		DON'T KNOW	999	
K2.32.5	How far is this person's farm from yours?	Neighbour	1	
	(INTERVIEWER: Take that plot where the farmers meet or have the highest likelihood of meeting most	0- 2 kms in same village	2	
	frequently.)	2 - 5 kms in same village	3	
	nequently.)	5 - 10 kms in same village	4	
		In a different village	5	
		In a different village Other (specify)	5 888	
		Other (specify)		
K2,32.6	Do you normally talk to this person about agriculture	Other (specify)  DON'T KNOW	888	
K2.32.6	Do you normally talk to this person about agriculture over the phone or in person?	Other (specify)  DON'T KNOW	999	→K2.32.8
K2.32.6		Other (specify)  DON'T KNOW IN PERSON ON PHONE	999	→K2.32.8
K2.32.6 K2.32.71		Other (specify)  DON'T KNOW  IN PERSON	999 1 2	→K2.32.8

		YOUR FARM PLOT	Τ	1 1
			3	-
		FRIEND'S FARM PLOT	4	1
		VILLAGE CENTRAL LOCATION	5	-
	Have you gone to this friend's house or farm	OTHER	888	
K2.32.72	specifically to discuss agricultural topics?	YES	1	
	Has this friend come to YOUR house or farm	NO	2	
K2.32.73	specifically to discuss agricultural topics?	YES	1	
	Have you given any agricultural information to this	NO	2	
K2.32.81	friend 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	
		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	YES	1	
AL.32.03	from observing the field of this friend during the last	NO	2	→K2.32.9
	kharif or Rabi?	DON'T KNOW	999	→K2.32.9
K2.32.86	If yes, what did you observe?	Crop Decision	1	/ NZ.3Z.3
AL.32.00		Field/soil preparation	2	
		Seeds	3	
		Seeds Fertilizers	4	
		Pests and Pesticides	5	
		Irrigation	6	
		Other (specify)	888	
	NOW WE WILL ASK SOME BASIC QUESTIONS ABOUT	THIS PERSON'S AGRICULTURAL		
K2.32.9	ANSWER TO THE BEST OF YOUR KNOWLEDGE.			<del>                                     </del>
KZ.3Z.3	Did this friend grow cotton during Kharif 2011?	YES	1	]

		NO	2	] I
		NO BONIT KNOW	2	-
(2.32.11.1	D. Saartha Last What Co. Dalth did a consequent	DON'T KNOW	999	
	During the last Kharif or Rabi, did you recommend	YES	1	
	any inputs to this friend?	NO BONIT KNOW	2	→K2.32.13
(2.32.11.2	M/hatan bh an ingba?	DON'T KNOW	999	→K2.32.13
	What were these inputs?	Chemical Fertilizer	1 2	-
	(MALILITIDE CANCIA/EDC DOCCIDEE)	Name:		-
	(MULTIPLE ANSWERS POSSIBLE)	Name:	4 2	-
	(1 = YES, 2 = NO)	Pesticide	1 2	-
	(Llas and an Everya Abra and a sharek)	Name:		-
	(Use codes from the cde sheet)	Name:		-
		Different seed variety 1 2		-
		Name:		-
		Name:		-
		Other (Please specify)	888	-
		DON'T KNOW	999	
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	
K2.32.1	How would rate this person's knowledge about	Very low	1	
	pesticides and pest and pest management on a scale	Low	2	]
	of 1 to 3, 1 being very low and 3 being very high:	Medium	3	
		High	4	
		Very high	5	
K2.32.1	How would rate this person's knowledge about	Very low	1	
	fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?	Low	2	
	Sellig very liight.	Medium	3	
		High	4	
		Very high	5	
PERSON 3	:			
K2.33.1	Usually, during the Kharif or the Rabi season how	ONCE A WEEK	1	
	often did 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 MONTH	6	
		LESS THAN ONCE A MONTH	7	
		ONCE A SEASON	8	
W2 22 2	Jakkia naman a dilla sa sa siste a 1997.	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	<u> </u>

K2.33.3	What is your relationship to this person?	Relative	1	
K2.33.3	, , ,	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	
K2.55.4		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	
		Other (speedify)	000	
		DON'T KNOW	999	
K2.33.5	How far is this person's farm from yours?	Neighbour	1	
	(INTERVIEWER: Take that plot where the farmers meet or have the highest likelihood of meeting most	0- 2 kms in same village	2	
	frequently.)	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	IN PERSON	1	
	over the phone or in person?	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	
	Have you saw to this friend's house or form	OTHER	888	
K2.33.72	Have you gone to this friend's house or farm specifically to discuss agricultural topics?	YES	1	
	Has this friend come to YOUR house or farm	NO	2	
K2.33.73	specifically to discuss agricultural topics?	YES	1	
K2 22 06	Have you given any agricultural information to this	NO	2	
K2.33.81	friend during the last Kharif or Rabi?	YES	2	\K2 22 02
		NO DON'T KNOW	999	→K2.33.83
K2.33.82	If yes, on what topics?	DON'T KNOW  Crop Decision	999	→K2.33.83
KZ.33.62		Field/soil preparation	2	
		Seeds	3	
		Fertilizers	4	
		Pests and Pesticides	5	
		Irrigation	6	
		Weather	7	
			· '	i l

		   Harvesting	8	
		Other (specify)	888	
K2.33.83	Have you received any agricultural information from	YES	1	
K2.55.05	this friend during the last Kharif or Rabi?	NO	2	→K2.33.85
		DON'T KNOW	999	→K2.33.85
K2.33.84	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	
K2.33.85	Did you learn any new information about agriculture	YES	1	
	from observing the field of this friend during the last	NO	2	→K2.33.89
	kharif or Rabi?	DON'T KNOW	999	→K2.33.89
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		
	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	
(2.33.11.1	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
(2.33.11.2	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:		
		Different seed variety	1 2	1
		Name:		<u> </u>
		Name:	1	<u> </u>
		Other (Please specify)	888	<u> </u>
				<u> </u>
		DON'T KNOW	999	
K2.33.13				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	
K2.33.1	How would rate this person's knowledge about	Very low	1	
	pesticides 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	
K2.33.1	How would rate this person's knowledge about	Very low	1	
	fertlizers on a scale of 1 to 5, 1 being very low and 5 being very high?	Low	2	
	<i>,</i> , ,	Medium	3	
		High	4	
		Very high	5	

AO L				
	*** NEEDS SKIP FOR CONTROL RESPONDENTS, BEST IF			
	WE WILL NOW ASK YOU SOME QUESTIONS ABOUT THE			
5.10	Have you received any information from AO that is of	Yes		
- 11	interest to you?	No See de		→D
5.11	Which two topics of information on AO were you most	Seeds	1	
	interested in?	Fertilizer Usage	3	
	TORIC 1: drandown	Pesticide Usage	4	
	TOPIC 1: dropdown	Irrigation Usage Weather Information	5	
	TOPIC 2: dropdown	Harvesting Practices	6	
	 	Did not find any information useful	7	→D
		Did not receive any information	8	→D
	 	Pest and Diseases Identification	9	→υ
	 	Field preparation/Sowing	10	
		OTHER (SPECIFY)	888	
	Mention the first piece of information for the questions	, ,	000	
5.21	Did you follow any advice/adopt any	YES	1	→A5.41
J.21	practice suggested by this information?	NO	2	7.7.71
5.31	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		→A5.22
		INAPPROPRIATE TIMING		→A5.22
	 	FRIENDS DON'T USE IT		→A5.22
	 	WATER UNAVAILABLE		→A5.22
	 	DIDN'T NEED NEW INFORMATION-		→A5.22
		DID NOT UNDERSTAND INFORMATION		→A5.22
		POOR QUALITY OF INFORMATION		→A5.22
		OTHER (SPECIFY)		→A5.22
5.41	What were the main reasons why you decided to	,		
	follow this advice / adopt this practice? (RECORD			
	VERBATIM)			
5.51	Of the following reasons, which do you think was the	Trust in AO information	1	
	most important factor to you in following advice or	Because inputs were easily available	2	
	adopting this practice? (READ OUT ALL CHOICES)	Recommended by Friends / Others were	3	
		Better information than other sources	4	
		Easy to understand	5	
		Received new information (didn't know bef	6	
		Low cost to implement	7	
		DON'T KNOW	999	
5.61	Did this advice result in you purchasing any inputs or	YES	1	
	other items?	NO		→A5.22
		DON'T KNOW	999	→A5.22
5.71	If yes, what did you buy?	FERTILIZER	1	
		Name:		
		PESTICIDE	2	
	<u> </u>	Name:		
	<u> </u>	BIOLOGICAL PEST CONTROL	3	
	<u> </u>	Name:		
	<u> </u>	SEEDS	4	
	<u> </u>	Name:		
		OTHER (SPECIFY)	888	
	Mention the second piece of information for the question			
5.22	Did you follow any advice/adopt any	YES		→A5.42
	practice suggested by this information?	NO	2	
			1	→D
5.32	Why have you not followed any advice	LACK OF MONEY		
5.32	Why have you not followed any advice given to you by AO?	INPUT INAVAILABILITY IN MARKET	2	→D
5.32	Why have you not followed any advice	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION	3	→D
5.32	Why have you not followed any advice given to you by AO?	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION INAPPROPRIATE TIMING	3 4	→D →D
5.32	Why have you not followed any advice given to you by AO?	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION INAPPROPRIATE TIMING FRIENDS DON'T USE IT	3 4 5	→D →D →D
5.32	Why have you not followed any advice given to you by AO?	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION INAPPROPRIATE TIMING FRIENDS DON'T USE IT WATER UNAVAILABLE	3 4 5 6	→D →D →D →D
5.32	Why have you not followed any advice given to you by AO?	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION INAPPROPRIATE TIMING FRIENDS DON'T USE IT WATER UNAVAILABLE DIDN'T NEED NEW INFORMATION-	3 4 5 6 7	→D →D →D →D →D
5.32	Why have you not followed any advice given to you by AO?	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION INAPPROPRIATE TIMING FRIENDS DON'T USE IT WATER UNAVAILABLE DIDN'T NEED NEW INFORMATION- DID NOT UNDERSTAND INFORMATION	3 4 5 6 7 8	→D →D →D →D →D →D
5.32	Why have you not followed any advice given to you by AO?	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION INAPPROPRIATE TIMING FRIENDS DON'T USE IT WATER UNAVAILABLE DIDN'T NEED NEW INFORMATION- DID NOT UNDERSTAND INFORMATION POOR QUALITY OF INFORMATION	3 4 5 6 7 8	→D →D →D →D →D →D →D
	Why have you not followed any advice given to you by AO? multiple possible, no prompting	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION INAPPROPRIATE TIMING FRIENDS DON'T USE IT WATER UNAVAILABLE DIDN'T NEED NEW INFORMATION- DID NOT UNDERSTAND INFORMATION	3 4 5 6 7 8	→D →D →D →D →D →D
5.32	Why have you not followed any advice given to you by AO?	INPUT INAVAILABILITY IN MARKET DID NOT TRUST INFORMATION INAPPROPRIATE TIMING FRIENDS DON'T USE IT WATER UNAVAILABLE DIDN'T NEED NEW INFORMATION- DID NOT UNDERSTAND INFORMATION POOR QUALITY OF INFORMATION	3 4 5 6 7 8	→D →D →D →D →D →D →D

A5.52	Of the following reasons, which do you think was the	Trust in AO information	1	
	most important factor in following advice or adopting this	Because inputs were easily available	2	
	practice? (READ OUT ALL CHOICES)	Recommended by Friends / Others were		
	[	doing the same	3	
		Better information than other sources	4	
		Easy to understand	5	
		Received new information (didn't know bef	6	
		Low cost to implement	7	
		DON'T KNOW	999	
A5.62	Did this advice result in you purchasing any inputs or	YES	1	
	other items?	NO	2	$\rightarrow$ D
		DON'T KNOW	999	$\rightarrow$ 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	

ECTION D: KNOWLEDGE INDEX							
INTERVIEWER NOTE: Do not mention Avaaj O	INTERVIEWER NOTE: Do not mention Avaaj Otalo by name in these sections as an option.						
Do not read out any of the choices for any of question and record the answer	the questions in this section, only ask the respondent the						
INTERVIEWER READOUT: We will now ask you	INTERVIEWER READOUT: We will now ask you some questions about agriculture.						
The first set of questions will be general in na	ture, while the second set of questions						
will be specific to crops. Answer to the best o	f your knowledge.						
D1. General							

D1. Genera	al			
	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	DAP/SSP	1	
22.0.1	soil?	12-32-16, 20-20-20 grade	2	
		Other	888	
		DON'T KNOW	999	
D1.3kc	If you had the option of using 50 kg (1 bag) of DAP or	DAP/SSP	1	
	50kg (1 bag) of 20-20-20, which of the two would you	20-20-20 grade	2	
	use to add 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	Murate of Potash (MoP)	1	
	Potash or 50 kg (1 bag) of 12-32-16, which of the two	12-32-16 grade	2	
	would you use to add potash to soil?	Other	888	
		DON'T KNOW	999	
D1.5k	Which is the BEST fertilizer for adding sulphur in the			
	soil?	Ammonium Sulphate/SSP/Gypsum/Chirodi	1	
		Sulphur Fertilizer Other	2 888	
		DON'T KNOW	999	
D1.5kc	If you had the option of using 50 kg of Ammonium	DONTRIVOW	333	
DI.SKC	Sulphate/SSP/Gypsum/Chirodi or 50 kg of Sulphur	Ammonium Sulphate/SSP/Gypsum/Chirodi	1	
	fertlizer ,which of the two would you use to add sulphur	Sulphur Fertilizer	2	
	to soil?	Other	888	
	to sour	DON'T KNOW	999	
E10 2	When mixing pesticide in the pump, which type of	Powder form	999	
E10_2	1 1/ //	Liquid form	2	
	concentrate, POWDER OR LIQUID, should you add first?	Doesn't matter - Either one	3	
		Don't Know	999	

D2. Crop-S	Specific Knowledge Questions					
NOW WE WILL ASK YOU QUESTIONS ABOUT THE BEST AGRICULTURAL PRACTICES OF COTTON						
AND/ OR CASTOR. PLEASE ANSWER THESE TO THE BEST OF YOUR KNOWLEDGE.						
	INTERVIEWER CHECKPOINT:DO NOT PROMPT OR READ OU	T CHOICES FOR FOLLOWING QUESTIONS				
D21. COTT	ON					
E2_2	What type of pests does BT cotton provide resistance	Boll worms	1			
	against?	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	Micronutrient Fertilizer-Zink,Boron	1	Ī		
	advised to spray to stop the falling of flower buds and	Urea/DAP	2	Ī		
	for good development of balls?	Other (Specify)	888	Ī		

		Don't Know	999	Ī I
E6_1	In the flowering stage spraying of which fertilizer is	Urea, 20-20-20, 13-0-45 grade	1	
_	highly advisable to stop yellowing of plants and to	DAP	2	†
	increase production?	Other (Specify)	888	
		Don't Know	999	
e1_P	Monocrotophos pesticide is primarily intended to	Ball worms - Heliothis/Spottel Ball warm	1	
	control which pests:	Sucking pest -		
		Whitefly/Molo/Aphid/Jassid/Thrips	2	
		All pest and diseases	3	
		Don't know	999	
e2_P	Have you heard of Imida/confidor/tatamida/imidagold?	YES	1	
		NO	2	→e4_P
e3_P	Imidacloprid/Confidor/Tatamida/Imidagold pesticide is	Sucking pest -	1	
	primarily intended to control which pests:	Whitefly/Molo/Aphid/Jassid/Thrips		
		Ball warms - Heliothis/Spottel Ball warm	2	
		All pest and diseases	3	
		Don't know	999	
e4_P	Have you heard of Acetamapride/Pride?	YES	1	
		NO	2	→e6_P
e5_P	Acetamapride/Pride pesticide is primarily intended to	Sucking pest -	1	
	control which pests:	Whitefly/Molo/Aphid/Jassid/Thrips	_	
	}	Ball warms - Heliothis/Spottel Ball warm	2	
	}	All pest and diseases	3	
06 D	Acaphata posticida is primarily intended to control	Don't know	999	
e6_P	Acephate pesticide is primarily intended to control which pests:	Sucking pest - Whitefly/Molo/Aphid/Jassid/Thrips	1	
	which pests.	Ball warms - Heliothis/Spottel Ball warm	2	
		All pests and diseases	3	
		Don't know	999	
E7_PC	If you had the option of using 1 Litre of Profenophos or	Profenophos	1	
27_10	1 Litre of Monocrotophos, which would you use to most	Monocrotophos	2	
	effectively treat MEALYBUG in cotton?	Chlorpyriphos/Triazophos/Hostathion	3	†
		Other (Specify)	888	
		Don't Know	999	
E8_PC	If you had the option of using 1 Litre of Pride or 1 Litre	Pride/Tata Manik	1	
_	of Monocrotophos, which would you use to most	Monocrotophos	2	<u> </u>
	effectively treat 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	Imida/Tatamida/Confidor/Jumbo	1	
	of Monocrotophos, which would you use to most	Monocrotophos	2	
	effectively treat 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	Dithan 45/Mancozeb	1	
	Litre of Monocrotophos, which would you use to most	Monocrotophos	2	
	effectively treat WILT DISEASE in cotton?	Bavistin/Copper OxyCloride/ Carbendazim	3	
	}	Other (Specify)	888	
E4	To control wilt discoss in Cotton which functions at his	Don't Know Tricoderma Virdi-Tricoderma	999	
F1	To control wilt disease in Cotton which fungus or bio-	Fungicide	2	
	product can be used with compost as a seed treatment	Other (Specify)	888	
	or soil application?	Don't Know	999	
F2	Photo 1: Can you identify the following pest from its	Aphid	1	
	photo and damage symptoms	Other (Specify)	888	
	E	Don't Know	999	
F3	Photo 2: Can you identify the following pest from its	Thrips	1	
	photo and damage symptoms	Other (Specify)	888	
	<u> </u>	Don't Know	999	
F4	Photo 3: Can you identify the following pest from its	White fly	1	
	photo and damage symptoms	Other (Specify)	888	
		Don't Know	999	
F5	Photo 4: Can you identify the following pest from its	Mealy bug	1	
	photo and damage symptoms	Other (Specify)	888	
		Don't Know	999	

D22. WHE	AT		
D22.1a	For timely sowing of wheat, which time is	15 to 25 November - After Dev Diwali	1
	recommended?	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	10-15 December	1
	latest by:	Other (specify)	888
		Don't know	999
D22.4a	Which disease of wheat affects the grain quality and	Black Point of grains	1
	ultimately the price of wheat grains?	Other (specify)	888
		Don't know	999
D22.1k	Which variety of wheat is recommended in gujarat for	GW 173/Lok 1/Tukdi	1
	late sowing?	Other (specify)	888
		Don't know	999
D22.3k	What is the recommended dose of nitrogen 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	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	20-21 days after sowing or at crown root	
F22.6	irrigation for wheat is recommended in:	initiation stage	1
		8-10 days after sowing	2
		Other (Specify)	888
		Don't Know	999

D23.CUMII	N					
D23.1a	Which are the newly recommended varieties of Cumin	GC 3/ GC 4	1			
	resistant 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	Seed Treatment	1			
	to prevent fungal diseases?	Nothing	2			
		Other (specify)	888			
		Don't know	999			
D23.3k	What is the recommended dose of Nitrogen for cumin?	30 kg/ha or 5 kg/vigha	1			
		Other (specify)	888			
		Don't know	999			
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	Confidor - Mono				
	wilt disease?	Any Other (Specify)	888			
		Don't Know	999			
F23.7C	If you had the option of using 1 Kg of Mancozeb or 1	Mancozeb/Dithan 45/Bavistin/Carbendazim	1			
	Litre of Monocrotophos, which would you use to most					
	effectively treat WILT DISEASE in cumin?	Monocrotophos	2			
		Other (Specify)	888			
		Don't Know	999			
D23.7kc	If you had the option of using 1 Kg of Sulphur/Contaf or	Sulphur/Dinocap/Contaf	1			
	1 Litre of Monocrotophos, which would you use to most	Other	888			
	effectively treat powdery mildew in cumin?	Don't know	999			
E4_2	Which herbicide is advisable as pre-emergence for	Pendimethalin - Basalin - Stomp	1			
	controlling weeds in cumin and wheat?	2-4-D	2			
		Any Other (Specify)	888			
		Don't know	999			
E6_2	To control wilt disease in cumin which fungus or bio-	Tricoderma Virdi - Tricoderma	1			
	product can be used as a seed treatment or soil	Fungicide	2			
	application with compost?	Any Other (Specify)	888			
		Don't Know	999			

CTION	N C1: AGRICULTURAL PRACTICES - COTTON				
	INITERVIEWER MOTE De not montion Aveci Otal	bu nama in those sosti			
	INTERVIEWER NOTE: Do not mention Avaaj Otalo INTERVIEWER READOUT: Now we will ask you ab	•			
	Remember that we would like information from				
	Remember that we would like information from	your last cotton crop no	t for the upco	illing Kilaili.	
. COT	TON (General)				
1.1	Do you solicit or receive any advice on	YES		1	
	planting of cotton?	NO		2	→C1.3
1.2	Who or what were the TWO most	FIRST			
	important sources?				
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND			
21.3	Did you plant cotton last Kharif?	YES		1	
		NO		2	→ C2
21.5	What was the total area you planted last			ACRE	
	Kharif?			BIGHA	
				GUNTHA	
	INTERVIEWER CHECKPOINT: For quantity	planted use same un	it as in C1.5		
1.5x	When did you plant cotton last Kharif?	1st Planting (ww/mm)	Qty:		
	• •	2nd Planting (ww/mm)			
		3rd Planting (ww/mm)	Qty:		
1.51	Total cotton crop loss due to weather, pests			ACRE	
	etc last Kharif?			BIGHA	
				GUNTHA	
				Percentage	
L.51a	Which pests afflicted your cotton and what			What was	
	was the maximum area of infestation				
	reached during the season?				
			1: Yes 2: No	Area	%
	Bollworms	Spotted bollworn		abg	,,
	56.116.1115	2. Pink bollworm	1 2	abg	
		3. Heliothis	1 2	abg	
		4 .Prodenia	1 2	abg	
	Sucking pests	5. Aphid	1 2	abg	
	<b>0 1</b>	6. Jassid	1 2	abg	
		7.Thrips	1 2	abg	
		8. White fly	1 2	abg	
		9. Milibag	1 2	abg	
	Disease	10. Wilt	1 2	abg	
		11. Root Rot	1 2	abg	
		12. Bactarial Blight		abg	
		13. Leaf Spot	1 2	abg	
	Others	14. Other 1	1 2	abg	
		17. Not any	1	abg	
1.6	Do you treat your soil before planting?	YES		1	
		NO		2	→C1.9
1.7	How did you treat your soil last Kharif?	Added organic manure		1 2	
	(CIRCLE ALL THAT APPLY)	Cleaned the soil from la	ast harvest	1 2	
	(1 = Yes, 2 = No)	Ploughing/Furrowing/F		1 2	
		Leveling the soil as per	crop	1 2	
		Other (specify)		888	
1.9	Did you irrigate your cotton crop last Kharif?	YES		1	
	• • •	NO		2	→C1.12
1.10	How many times did you irrigate your			•	
	cotton crop last Kharif?	1			
1.11	What was the cost per irrigation or total	TOTAL COST	Rs.		
	cost of irrigation for last Kharif?	COST PER IRRIGATION	Rs.		
	-	DIESEL/KEROSENE	Rs.		

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

ELECTRICITY BILL

Rs.

S1. Seeds					
S1.1	What was the most important factor in	Low Price			
	determining which seed you used? (CIRCLE	Pest Resistance		2	
	ONLY ONE)	Safe Yield		3	
		High Yield		4	
		Few Input Requiremen	ts	5	
		Water requirements		6	
		What farmer friends us	se	7	
		Availability	8		
		Soil fertility	9		
		General advice (specify	source)	10	
		Other (specify)		888	
		Don't know		999	
S1.3	Did you solicit or receive any advice on	YES		1	
	seeds 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			
		•			

				1							
S1.5	Did you purchase cotton seeds last Kharif or	PURCHASE	PURCHASE		1						
	reuse old seeds?	REUSE			2	→S1.7					
		BOTH			3						
S1.6		Purchase					Used				
	Which seeds have you purchased and/or	Yes/No	Quantity		Unit	Total cost (Rs.)	Yes/No		Quantity		Unit
	used for cotton in last Kharif 2012?		Purchased	(1) Kg (2) gm (3) packets	if packets then Size of Packets in kg			(1)Hybrid/ Bt (2) Desi	Used	(2) gm	if packets then Size of Packets in kg
	1. Vikram										
	2. Rasi										
	3. Ajit				+						
	4. Navbharat				+						
	5. Tulsi				+						+
	6. Ankur										
	7. Nath										
	9. Ganga Kaveri										
	11. Other1 (Specify)										
	12. Other2 (Specify)										
	13. Other3 (Specify)										
S1.9	Did you treat your seeds before planting?	YES	•		1				•		
		NO			2	→S1.11					
S1.10	How did you treat your seeds?	Option		Yes/ No	Specify						
	(INTERVIEWER NOTE: MULTIPLE ANSWERS	A. FUNGICII		1 2							
	POSSIBLE AND USE THE CODE SHEET)	B. PESTICID		1 2	1						
		C. BIOLOGIC	CAL METHO	1 2							
		D. OTHER									
		D1.		1 2							
C1 11		D2.		1 2	CNAC						
S1.11	At what depth did you sow the cotton				CMS INCHES	4					
	seeds? (INTERVIEWER: Measure using a ruler.)	DON'T KNO	١٨/		999	4					
S1.12	What was the spacing between the seeds in		vv		CMS	1					
31.12	the same row? (INTERVIEWER: Measure				FT						
	using a ruler.)				INCHES						
	226 2 1000.1/	DON'T KNO	W		999						
S1.13	What was the spacing between the rows?				CMS						
	(INTERVIEWER: Measure using a ruler.)				FT						
	- ,				INCHES						
		DON'T KNO	w		999						
					1	1					

F1. Fer	tilizers										
	VE WILL ASK YOU QUESTIONS ABOUT YOUR FERTI ertain to your cotton crop.	ILIZER I	JSAGE	IN THI	E LAS	ST KH	HARIF	Re	mem	ber these	questions
F1.0	Did you solicit or receive any advice	YES								1	
	regarding fertilizer last Kharif?	NO								2	→F1.2
F1.1	Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT										
	PROMPT)	SECO	ND								
F1.2	Did you use fertilizers last Kharif with your	YES								1	→F1.4
	cotton crop?	NO								2	
F1.3	Why did you not use fertilizer?	Wron	g time	in cro	p ph	ase			1	2	→ P1
		Too e	xpensi	ve					1	2	→ P1
		Not u	seful						1	2	→ P1
		Not a	vailabl	e					1	2	→ P1
		Bad e	xperie	nce					1	2	→ P1
			know						1	2	→ P1
F1.7	Did forbiling a constant	1	(speci							888	→ P1
F1./	Did you purchase fertilizers or reuse from the previous year?		URCHA EUSE	SE						2	→F1.10
			BOTH 3				/11.10				
F1.8	Which chemical fertilizers did you purchase and	Purch	ase?	Amou	unt	Use	d?			Cost (Rs.)	If bags, then
	use for your cotton crop? In what quanties?	Yes =		1. lite	r	1. li	ter		1.		size of bags
		YES = NO =		2. kg 3. No bags		2. k No.	g of b	3. ags		2. Total	in kilos
	A. Urea	1	2	1. 3.	2.	1.	2.	3.	1.	2.	
	B. Ammonium Sulfate	1	2	1. 3.	2.	1.	2.	3.	1.	2.	
	C. DAP	1	2	1. 3.	2.	1.	2.	3.	1.	2.	
	D. Murate of Potash (MoP)	1	2	1. 3.	2.	1.	2.	3.	1.	2.	
	E. N-P-K grade fertilizers	1	2	1. 3.	2.	1.	2.	3.	1.	2.	
	E1.			1. 3.	2.	1.	2.	3.	1.	2.	

	E2.			1. 2. 3.	1. 2.	3.	1. 2.		
		1	2	1. 2.	4 2				
	F. Micronutrient Fertilizer			<ol> <li>2.</li> </ol>	1. 2.	3.	1. 2.		
	F1.			<ol> <li>2.</li> </ol>	1. 2.	3.	1. 2.		
	F2.			3.	1. 2.	3.	1. 2.		
	G. OTHER (specify)								
	G1.	1	2	1. 2. 3.	1. 2.	3.	1. 2.		
	G2.	1	2	1. 2. 3.	1. 2.	3.	1. 2.		
F1.10	What were the labour costs for the	Numb	er of	Application	s:				
	application of chemical fertilizer? (INTERVIEWER: Remind the respondent to	House	ehold	labour					
	consider multiple applications.)					Tot	al Labour Days		
	,	Hired	Labou	ır					
						Tot	al Labour Days		
						100	Daily wage		
						T-4			
F1.11	Did you use any organic fertilizers on your				1	101	al Labour Cost		
11.11	cotton crop last Kharif?	Yes				1			
F1.12	Miletale annual of action and district annual annua	No		1112		2	→P1		
F1.12	Which organic fertilizers did you purchase and use for your cotton crop? In what	Purch		Amount 1. Trolley	Used?	ev.	Cost (Rs.) 1. Cost/unit	Size of trolley in kilos	
	quanties?	Yes = No =2	_	2. Kgs	2. Kgs	- 7	2. Total	III KIIOS	
	A. Manure /Compost/FYM	1	2	1.	1. 2.		1. 2.		
	B. Biofertilizer	1	2	1. 2.	1. 2.		1. 2.		
	C. Vermicompost	1	2	1. 2.	1. 2.		1. 2.		
	D. Cake (Castor cake)	1	2	1. 2.	1. 2.		1. 2.		
	E. OTHER (specify)								
	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	Numb	er of a	application	s:				
	application of organic fertilizer for cotton?			abour					
	(INTERVIEWER: Remind the respondent to consider multiple applications.)	5450				Tot	al Labour Days		
		Hired Labour							
						Tot	al Labour Days		
							Daily wage		
					]				
		-	Tractor/Bullock			Total Labour Cost			
		Tr	actor/	Bullock	I				
		Tr	actor/	'Bullock			Total Cost		
		Tr	ractor/	'Bullock			Total Cost rs or vigha or rs/vigha		

P1. Pes	ticides and Diseases					
	NOW, WE WILL ASK YOU SIMILAR QUESTIONS RE	GARDING YO	UR PESTIC	IDE USAGE.		
P1.0	Did you solicit or receive any advice on	YES			1	
	pesticides 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	FIRST				
	NOT PROMPT)	SECOND				
P1.2	Did you use any pesticides with your cotton?	YES			1	
		NO			2	→P1.10
INTERV	IEWER CHECKPOINT: If respondent did not use a	ny pesticides	, only ask	P1.10 and P1.	10t	
P1.10t	What biological method have you used?	Used	Quantity	Unit	Total	Size of bags
	(CIRCLE ALL THAT APPLY)	Yes/No	used	1. Nos	Cost (Rs)	in kilos
				2. Kg		
				3. Lit		
			l	A Rac		
	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		
P1.11	What was the TOTAL labour costs for the	Number	r of application	ins:	
	application of pesticides and fungicides last	Househ	old labour		
	Kharif? (INTERVIEWER: Remind respondent			Total labo	ur days
	of multiple applications, and for all listed	Hired La	bour		
	bollworms, sucking pests and diseases.)			Total labor	ur days
				Dail	y wage
				Total labo	ur cost

Comparison   Com	P1.71 Which pesticides have	e you purchas	ed and/or use	ed in last Kh	arif 2012								
1. Endosulphan			Purcha	se			Used		ı	Purpose		Application	
Came		Yes/No	Quantity	Unit	Total	Yes/No	Total	Unit	Did you	If it was a specific	No. of	Area of	Unit of
Company   Comp				(1)Lit	cost (Rs.)		Quantity	(1)Lit	purchase this	pest, which one	Application	Applicatio	area
(4)gm				(2)ml			Used	(2)ml	pesticide to	was it? (Use Code)	S	n	1. Acre
Company   Comp				(3)Kg				(3)Kg	treat : 1 All				2. Bigha
Comparison   Com								(4)gm					3. Guntha
1. Endosulphan       Y       N       Y       N       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       Y       N       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       Y       N       1       2         12. Bumflower       Y       N       Y       N       1       2         13. Thiamethoxam       Y       N       Y       N       1       2         15. Fenvalrate       Y       N <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(5)bags</td> <td>Specific pest</td> <td></td> <td></td> <td></td> <td></td>								(5)bags	Specific pest				
2. Quinalphos       Y       N       Y       N       1       2         3. Monocrotophos       Y       N       Y       N        1       2				(Size in				(Size in					
3. Monocrotophos       Y       N       Y       N       1       2       2         4. Cypermethrin       Y       N       Y       N       1       2       2         5. Chlorpyrithos       Y       N       Y       N       1       2       2         6. Phosphamidon       Y       N       Y       N       1       2       2         7. Dimethoate       Y       N       Y       N       1       2       2         8. Imidachloprid       Y       N       Y       N       1       2       2         9. Acetamaprid       Y       N       Y       N       1       2       2         10. Acephat       Y       N       Y       N       1       2       2         11. Dicofol       Y       N       Y       N       1       2       2         12. Bumflower       Y       N       Y       N       1       2       2         13. Thiamethoxam       Y       N       Y       N       1       2       2         14. Profenofos       Y       N       Y       N       1       2       2         <	1. Endosulphan	Y N				ΥN			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	2. Quinalphos	Y N				ΥN			1 2				
S. Chlorpyrithos         Y         N         Y         N         1         2           6. Phosphamidon         Y         N         Y         N          1         2 <td>3. Monocrotophos</td> <td>Y N</td> <td></td> <td></td> <td></td> <td>ΥN</td> <td></td> <td></td> <td>1 2</td> <td></td> <td></td> <td></td> <td></td>	3. Monocrotophos	Y N				ΥN			1 2				
6. Phosphamidon       Y       N       Y       N       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       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       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		Y N				Y N			1 2				
7. Dimethoate       Y       N       Y       N       1       2          8. Imidachloprid       Y       N       Y       N       1       2           9. Acetamaprid       Y       N       Y       N       1       2	5. Chlorpyrithos	Y N				Y N			1 2				
8. Imidachloprid       Y       N       Y       N       1       2           9. Acetamaprid       Y       N       Y       N       1       2                                                                                                .	6. Phosphamidon	Y N				ΥN			1 2				
9. Acetamaprid         Y         N         Y         N         1         2	7. Dimethoate	Y N				Y N			1 2				
10. Acephat       Y       N       Y       N       1       2       1         11. Dicofol       Y       N       Y       N       1       2       2         12. Bumflower       Y       N       Y       N       1       2       2         13. Thiamethoxam       Y       N       Y       N       1       2       2         14. Profenofos       Y       N       Y       N       1       2       2         15. Fenvalrate       Y       N       Y       N       1       2       2         16. Mancozeb       Y       N       Y       N       1       2       2	8. Imidachloprid	Y N				Y N			1 2				
11. Dicofol       Y       N       Y       N       1       2       2         12. Bumflower       Y       N       Y       N       1       2       2         13. Thiamethoxam       Y       N       Y       N       1       2       2         14. Profenofos       Y       N       Y       N       1       2       2         15. Fenvalrate       Y       N       Y       N       1       2       2         16. Mancozeb       Y       N       Y       N       1       2       2	9. Acetamaprid	Y N				Y N			1 2				
12. Bunflower       Y N       Y N       1 2       13. Thiamethoxam       Y N       Y N       1 2       14. Profenofos       Y N       Y N       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 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 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 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 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 </td <td>10. Acephat</td> <td>Y N</td> <td></td> <td></td> <td></td> <td>ΥN</td> <td></td> <td></td> <td>1 2</td> <td></td> <td></td> <td></td> <td></td>	10. Acephat	Y N				ΥN			1 2				
13. Thiamethoxam     Y     N     Y     N     1     2       14. Profenofos     Y     N     Y     N     1     2       15. Fenvalrate     Y     N     Y     N     1     2       16. Mancozeb     Y     N     Y     N     1     2	11. Dicofol	Y N				ΥN			1 2				
14. Profenofos       Y N       Y N       1 2         15. Fenvalrate       Y N       Y N       1 2         16. Mancozeb       Y N       Y N       1 2	12. Bumflower	Y N				Y N			1 2				
15. Fenvalrate         Y         N         Y         N         1         2         2           16. Mancozeb         Y         N         Y         N         1         2         2	13. Thiamethoxam	Y N				ΥN			1 2				
16. Mancozeb Y N Y N 1 2	14. Profenofos	Y N				ΥN			1 2				
	15. Fenvalrate	Y N				ΥN			1 2				
17 Carbendazim V N V N 1 2	16. Mancozeb	Y N				ΥN			1 2				
1 1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N   1 N	17. Carbendazim	Y N				ΥN			1 2				
18. Planofix Y N Y N 1 2	18. Planofix	Y N				Y N			1 2				
19. Triazophos Y N Y N 1 2	19. Triazophos	Y N				Y N			1 2				
20. Other 1 Y N Y N 1 2	20. Other 1	Y N				ΥN			1 2				
Codes for Purpose					Co	des for Pu	irpose						

					CU	ues foi Pui	hose								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	888
Spotted	Pink bollworm	Heliothis	Prodenia	Aphid	Jassid	Thrips	White	Milibag	Wilt	Ro	Bacteri	Leaf	All boll	All	Other
bollworm							fly			ot	al	Spot	worms	sucking	

999 Don't know

#### 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.

HE.						
	AT (General)	luce				.
	Do you solicit or receive any advice on	YES		1		
۱	planting of wheat?	NO		2	→C2.3	
	Who or what were the TWO most	FIRST				
ı	important sources?	CECONID				
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND				
	Did on alast Mikasi lan 2012	VEC		_		
	Did you plant Wheat last Rabi?	YES		1	\ C2	
ļ		NO		2	→ C3	
ŀ	What was the total area you planted?			ACRE		
ŀ				BIGHA		
Ļ				GUNTHA		
Ļ	INTERVIEWER CHECKPOINT: For quantity		in C2.5			
ı	When did you plant wheat last Rabi?	1st Planting (ww/mm):		Qty:		
ш		2nd Planting (ww/mm):		Qty:		
		3rd Planting (ww/mm):		Qty:		
1	Total crop loss due to weather, pests etc			ACRE		
				BIGHA		
				GUNTHA		
				Percentage		
la	Which pests afflicted wheat and what was			What was the		
	the maximum area of infestation?			area of infest	_	
				the Kharif and	l Rabi? Area	
		-		or % of cottor	nlantod	
			1: Yes 2: No	Area	%	
	Worms	1. Termite	1 2	abg		
1		2. Stem borer	1 2	abg		
L		3. Cut warm	1 2	abg		
L	Sucking pests	4. Aphid	1 2	abg		
	Disease	5. Stem Rust	1 2	abg		
		6. Seedling Blight	1 2	abg		
		7. Bactarial Blight	1 2	abg		
		8. Loose Smut	1 2	abg		
l		9. Black seed Spot	1 2	abg		
	Others	10. Other 1	1 2	abg		
		11. Not any	1 2	abg	<u></u>	
ı	Do you treat your soil before planting?	YES		1		
		NO		2	→C2.9	
ı	How did you treat your soil before	Added organic manure		. 2		
	planting of wheat?	Cleaned the soil from la	ast harvest	. 2		
ш	(CIRCLE ALL THAT APPLY)	Ploughing/Furrowing/F		. 2		
		Levelling the soil as per	crop	. 2		
		Prepares Irrigattion bed		1 2		
		Other (specify)		888		
		(4,000)				
,	Have you grown Irrigated wheat or	Irrigated Wheat		1		
	Un-irrigated wheat in last Rabi?	Un-irrigated Wheat		2	→S2	
0	How many times did you irrigate your	g		·		
	wheat crop last Rabi?					
1	What was the cost per irrigation or	TOTAL COST	Rs.			
	total cost of irrigation for last Rabi?	COST PER IRRIGATION	Rs.			
		DIESEL/KEROSENE	Rs.			
ш		ELECTRICITY BILL	Rs.			
	INTERVIEWER READOUT: NOW, WE WILL AS FARMING PRACTICES, FROM SEED TO FERTI		IS ABOUT YOU	2		
		Law Dries		I -		
	What was the most important factor in	Low Price		1		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance		2		
ds	What was the most important factor in	Pest Resistance Safe Yield		2		
d	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield		2 3 4		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements		2 3 4 5		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements		2 3 4 5 6		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements		2 3 4 5		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements What farmer friends use		2 3 4 5 6		
eed:	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements What farmer friends use Availability		2 3 4 5 6 7		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements What farmer friends use		2 3 4 5 6		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements What farmer friends use Availability	rce)	2 3 4 5 6 7		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou	rce)	2 3 4 5 6 7 8		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yiled High Yield Few Input Requirements Water requirements What farmer friends use Availability Soil fertility	rce)	2 3 4 5 6 7 8 9		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou	rce)	2 3 4 5 6 7 8 9		
	What was the most important factor in determining which seed you used? (CIRCLE	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify)	rce)	2 3 4 5 6 7 8 9 10		
	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)	Pest Resistance Safe Yield High Yield Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify) Don't know	rce)	2 3 4 5 6 7 8 9 10		
	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on	Pest Resistance Safe Yiled High Yield Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify) Don't know YES	rce)	2 3 4 5 6 7 8 9 10 888		
1	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on seeds last Rabi 2012?	Pest Resistance Safe Yileld High Yileld Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify)  Don't know YES NO	rce)	2 3 4 5 6 7 8 9 10	→S2.5	
	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on seeds last Rabi 2012?  Who or what were the TWO most	Pest Resistance Safe Yiled High Yield Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify) Don't know YES	rce)	2 3 4 5 6 7 8 9 10 888		
	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on seeds last Rabi 2012?	Pest Resistance Safe Yileld High Yileld Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify)  Don't know YES NO	rce)	2 3 4 5 6 7 8 9 10 888		
3	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on seeds last Rabi 2012?  Who or what were the TWO most important sources?	Pest Resistance Safe Yileld High Yileld Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify)  Don't know YES NO FIRST SECOND	rce)	2 3 4 5 6 7 8 9 10 888		
1	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on seeds last Rabi 2012?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase wheat seeds	Pest Resistance Safe Yiled High Yiled Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify)  Don't know YES NO FIRST SECOND	rce)	2 3 4 5 6 7 8 9 10 888 999 1 2		
3	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on seeds last Rabi 2012?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)	Pest Resistance Safe Yileld High Yileld Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify)  Don't know YES NO FIRST SECOND	rce)	2 3 4 5 6 7 8 9 10 888 999 1 2		
3	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on seeds last Rabi 2012?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase wheat seeds	Pest Resistance Safe Yiled High Yiled Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify)  Don't know YES NO FIRST SECOND		2 3 4 5 6 7 8 9 10 888 999 1 2		
	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on seeds last Rabi 2012?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase wheat seeds	Pest Resistance Safe Yiled High Yield Few Input Requirements Water requirements What farmer friends use Availability Soil fertility General advice (specify sou Other (specify)  Don't know YES NO FIRST SECOND  PURCHASE REUSE	rce) Purcha Quantity	2 3 4 5 6 7 8 9 10 888 999 1 2	→S2.5	Total cost

	used for wheat in last Rabi 2012?	ı	ı	(2) gm	then Size of	
				(3) packets	Packets in	
_					kg	
-	1. GW 496					
-	2. GW 322 3. GW 173					
-	4. GW 273					
	5. LOK 1					
	6. Sonalika					
	7. Tukda/Tukri					
-	888. Other, (specify)					
	Pid a dead a second before dealing	VEC				
S2.9	Did you treat your seeds before planting?	YES NO		2	→S2.11	
S2.10	How did you treat your seeds?	Option	Code	Specify	732.11	
52.10	(INTERVIEWER NOTE: Find out exactly	A. FUNGICIDES	1 2	эрсспу		
	what names/brands respondent used.)	B. PESTICIDES	1 2			
		C. BIOLOGICAL METHO	1 2			
		D. OTHER				
		D1.	1 2			
		D2.	1 2			
S2.11	In last Rabi, did you use the broadcasting	Broadcasting		2	→F2	
	method for planting or did you plant in rows?	In rows DON'T KNOW		999	→F2	
52.12	What was the spacing between the rows?	DOIN I KINOW		CMS	712	
32.12	(INTERVIEWER: Measure using a ruler.)			FT		
	(IIII EIII III EII EII EII EII EII EII E			INCHES		
		DON'T KNOW		999		
		·				]
F2. Fertil	izers					
	WILL ASK YOU QUESTIONS ABOUT YOUR FERT		ONTH. Remem	ber these que	stions only	
F2.0	Did you solicit or receive any advice	YES		1		
	regarding fertilizer last Rabi?	NO SIDET		2	→F2.2	
F2.1	Who or what were the TWO most	FIRST	1			
	important sources?	CECOND				
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND				
F2.2	Did you use fertilizers last Rabi with your	YES		1	→F2.4	
	wheat crop?	NO		2	,	
F2.3	Why did you not use fertilizer?	Wrong time in crop phase		1 2	→ P2	
		Too expensive		1 2	→ P2	
		Not useful		1 2	→ P2	
		Not available		1 2	→ P2	
		Bad experience		1 2	→ P2	
		Don't know how		1 2	→ P2	
	Bill and the forest	Other (specify)		888	→ P2	
F2.7	Did you purchase fertilizers or reuse	PURCHASE		1		
	from the previous year?	REUSE		2	→F2.10	
F2.8	1875 to the control for still and still and the control of	BOTH	A	3 Used?	C+ (D- )	16 h
F2.8	Which chemical fertilizers did you purchase and use for your wheat crop? In what	Purchase? YES = 1 NO = 2	Amount 1. liter	1. liter	Cost (Rs.)	then size
	quanties?		2. kg	2. kg 3.		of bags in
	quantics:			No. of bags	2. Total	
	A. Urea	1 2	3.	1. 2. 3.	1. 2.	
-	71. 01.00		1. 2.			
	B. Ammonium Sulfate	1 2	3.	1. 2. 3.	1. 2.	
			1. 2.			
-	C DAD	1 2	2	4 2 2		
	C. DAP		3. 1. 2.	1. 2. 3.	1. 2.	
	C. DAP  D. Murate of Potash (MoP)	1 2	3. 1. 2. 3.	<ol> <li>2. 3.</li> <li>2. 3.</li> </ol>		
-	D. Murate of Potash (MoP)	1 2	1. 2. 3. 1. 2.	1. 2. 3.	1. 2.	
			1. 2. 3. 1. 2. 3.		1. 2.	
	D. Murate of Potash (MoP)	1 2	1. 2. 3. 1. 2.	1. 2. 3.	1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.	1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2.	1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers	1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3.	1. 2. 3. 1. 2. 3.	1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.	1 2	1. 2. 3. 1. 2. 3. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer	1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.	1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.	1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 3. 1. 2. 3. 3. 1. 3. 1. 2. 3. 3. 1. 3. 1. 2. 3. 3. 1. 3. 1. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.	1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.	1 2 1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 3. 1. 2. 3. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.	1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 3. 1. 2. 3. 1. 3. 1. 2. 3. 1. 3. 1. 3. 1. 2. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.	1 2 1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
F2.10	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2. F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.	1 2 1 2 1 2 1 2 1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 3. 1. 2. 3. 1. 3. 1. 2. 3. 1. 3. 1. 3. 1. 2. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
F2.10	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2.  What were the labour costs for the	1 2 1 2 1 2 1 2 1 2 Number of Applications:	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
F2.10	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat?	1 2 1 2 1 2 1 2 1 2 Number of Applications:	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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.	
F2.10	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2.  G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent	1 2 1 2 1 2 1 2 Number of Applications:	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	
F2.10	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat?	1 2 1 2 1 2 1 2 1 2 Number of Applications:	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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.	
F2.10	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2.  G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent	1 2 1 2 1 2 1 2 Number of Applications:	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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.	
F2.10	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2.  G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent	1 2 1 2 1 2 1 2 Number of Applications:	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. Total	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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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.	
-	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)	1 2 1 2 1 2 1 2 1 2 Number of Applications: Household labour Hired Labour	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. Total	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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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.	
F2.10	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2. F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2. What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)  Did you use any organic fertilizers on your	1 2 1 2 1 2 1 2 Number of Applications:	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. Total	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.	
-	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)	1 2 1 2 1 2 1 2 1 2 1 2 Number of Applications: Household labour Hired Labour	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. Total	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.	Size of
F2.11	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)  Did you use any organic fertilizers on your wheat crop last Rabi?	1 2 1 2 1 2 1 2 1 2 Number of Applications: Household labour Hired Labour Yes	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 3. 1. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 7 tal  Total  Total  Total	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. Labour Days Labour Days Labour Days Daily wage Labour Cost	
F2.11	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2.  G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)  Did you use any organic fertilizers on your wheat crop last Rabi?  Which organic fertilizers did you purchase	1 2 1 2 1 2 1 2 1 2 Number of Applications: Household labour Hired Labour	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 3. 1. 3. 1. 2. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 3. 1. 3. 3. 3. 1. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. Total  Total  Total  Total  Used?	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. Cost	Size of
F2.11	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)  Did you use any organic fertilizers on your wheat crop last Rabi?  Which organic fertilizers did you purchase and use for your cotton crop? In what quanties?	1 2 1 2 1 2 1 2 1 2 1 2 Number of Applications: Household labour Hired Labour  Purchase? Yes 1 No =2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 7. 2. 3. 1. 7. 3. 1. 7. 3. 1. 7. 3. 1. 7. 2. 3. 1. 7. 3. 1. 7. 3. 1. 7. 3. 1. 7. 3. 1. 7. 3. 3. 1. 7. 3. 3. 1. 7. 3. 3. 1. 7. 3. 3. 3. 1. 7. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	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. 1. 2. 1. 1. 2.	Size of trolley in
F2.11	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2. F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2. What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)  Did you use any organic fertilizers on your wheat crop last Rabi? Which organic fertilizers did you purchase and use for your cotton crop? In what	1 2 1 2 1 2 1 2 1 2 Number of Applications: Household labour Hired Labour	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 1. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3	Size of trolley in
F2.11	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2.  G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)  Did you use any organic fertilizers on your wheat crop last Rabi?  Which organic fertilizers did you purchase and use for your cotton crop? In what quanties?  A. Manure /Compost/FYM	1 2 1 2 1 2 1 2 1 2 1 2 Number of Applications: Household labour Hired Labour  Purchase? Yes 1 No =2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 3. 1. 3. 1. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 1. 3. 3. 3. 1. 3. 3. 3. 1. 3. 3. 3. 1. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 2. 1. 2. 2. 1. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2.	Size of trolley in
F2.11	D. Murate of Potash (MoP)  E. N-P-K grade fertilizers  E1.  E2.  F. Micronutrient Fertilizer  F1.  F2. G. OTHER (specify)  G1.  G2.  What were the labour costs for the application of chemical fertilizer for wheat? (INTERVIEWER: Remind the respondent to consider multiple applications.)  Did you use any organic fertilizers on your wheat crop last Rabi?  Which organic fertilizers did you purchase and use for your cotton crop? In what quanties?	1 2 1 2 1 2 1 2 1 2 Number of Applications: Household labour Hired Labour  Yes No Purchase? Yes = 1 No = 2 1 2	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 3. 1. 2. 3. 1. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 2. 3. 3. 1. 7. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 2. 3. 1. 1. 2. 3.	1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3	Size of trolley in

t (2) Desi

(2) gm then Size of (3) packets Packets in

				1.	1.	1.	1
	D. Cake (Castor cake)	1	2	2.	2.	2.	
	E. OTHER (specify)	1		1	ı	1	
		1	2	1.	1.	1.	
	E1.	1	Z	2.	2.	2.	
		1	2	1.	1.	1.	
-	E2.		-	2.	2.	2.	
F2.13	What was the labour costs for the		ber of application	ns:			_
	application of organic fertilizer for wheat? (INTERVIEWER: Remind the respondent	Hous	sehold labour		Total Lak	our Days	1
	to consider multiple applications.)	Hiro	d Labour		TOTAL EAS	Jour Days	1
	to consider marapic applications.)	111100	a Laboui		Total Lah	our Days	1
					Daily wa		1
						our Cost	
		Tract	tor/Bullock				1
					Total Co	ct	1
		<del>                                     </del>				urs or vigha	1
		<del>                                     </del>				rs/vigha	1
		I			113/111 01	13/ 118110	1
2. Pestic	cides and Diseases						İ
	NOW, WE WILL ASK YOU SIMILAR QUESTIO	NS REGAR	DING YOUR PEST	TICIDE USAGE.			1
P2.0	Did you solicit or receive any advice on	YES			1		
	pesticides during Rabi 2012-13?	NO			2	→P2.2	
P2.1	Who or what were the TWO most	FIRS	Γ				
	important sources of advice?						
	(USE SOURCE CODE- DO NOT PROMPT)	SECC	OND				
	INTERVIEWER CHECKPOINT: If the respondent d	lid not use	any posticidos	only ock D2 0 D2	O+		
	INTERVIEWER CHECKPOINT: II the respondent d	iiu iiot use	any pesticides,	Ulliy ask P2.9, P2.		station (1. %	1
P2.9	Have you applied any bio-control methods	YES			1	Jtation (2: 70	1
	to control pests or diseases Rabi 2012-13 for	NO			2	→P2.10	
	wheat?						
		DON	'T KNOW		999		
P2.9t	What biological method have you used?	Used Yes	/No	Quantity used	Unit	Total Cost	_
	A. Installation of pheromone trap	1	2				_
	B. Release of Chrysoperla	1	2	ļ		ļ	
	C. Spraying of Neem form or Neem seed kernel suspension	1	2				Size of ba
	,	1	2	+		<b> </b>	-
-	D. Release of Trichogramma  E. Spraying of HNPV/SNPV	1	2	+		<b> </b>	1
	F. Use of Tricoderma	1	2	+		<u> </u>	1
-	1. OSC OF THEODERINA		_	+			1
	G. Installation of Sticky cards (yellow/blue)	1	2				
	H. Other (Specify)			1	ı		
	H1.	1	2				
	H2.	1	2	<u> </u>			
P2.10	What was the TOTAL labour costs for the	Number	of applications:				
	application of pesticides and fungicides	Househo	ld labour				
	last Kharif?				Tota	l labour days	
	(INTERVIEWER: Remind respondent	Hired Lab	oour				
	of multiple applications, and all potential				Tota	l labour days	
	pests and diseases.)	Ļ				Daily wage	
		1			Tota	al labour cost	:1

P2.71 Which p	pesticides have yo	ou purchaseu	anu/or useu II	i iast nabi 20.	LI					1		
		Pu	rchase			Used			Purpose		Application	1
	Yes/No	Quantity	Unit	Total cost	Yes/No	Total	Unit	Did you purchase	If it was a specific pest,	No. of	Area o	f Unit of area
			3. Kg 4. gm	(Rs.)		Quantity	ml 3. Kg 4.	this pesticide to	which one was it? (Use	Applications	Application	1.Acre
			5. bags			Used	gm 5. bags	treat :	Code)			2. Bigha
			(Size in kgs)				(Size in kgs)	1 All pests 2.				3. Guntha
1. Endosulphan	ΥN	1			ΥN			1 2				
2. Quinalphos	ΥN	1			ΥN			1 2				
3. Monocrotophos	ΥN	1			ΥN			1 2				
6. Phosphamidon	ΥN	1			ΥN			1 2				
8. Imidachloprid	ΥN	1			ΥN			1 2				
10. Acephat	ΥN	1			ΥN			1 2				
15. Fenvalrate	ΥN	1			ΥN			1 2				
16. Mancozeb	ΥN	1			ΥN			1 2				
17. Carbendazim	ΥN	1			ΥN			1 2				
20. Other 1	ΥN	1			ΥN			1 2				
21. Other 2	ΥN	1			ΥN			1 2				
22. Other 3	ΥN	1			ΥN			1 2				
	•	•	•			Codes for P	urpose	•		•	•	•
1 2	3	4	5	6	7	8	888	999				

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

### SECTION C3: AGRICULTURAL PRACTICES (CUMIN)

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

C3.1	nin (General)						1				
C3.2	Do you solicit or receive any advice on	YES		1							
C3.2	selection of Cumin crop?	NO		2	→C3.3						
	Who or what were the TWO most	FIRST									
	important sources?										
	(USE SOURCE CODE- DO NOT PROMPT)	SECOND									
		VEC					ł				
C3.3	Did you plant Cumin last Rabi?	YES NO			N NI						
C3.5	What was the total area you planted?	NU			→N		ł				
C3.5	What was the total area you planteu?										
	INTERVIEWER CHECKPOINT: For quantity p	nlanted use same	unit as in C3.5		I						
C3.5x	When did you plant cumin last Rabi?	1st Planting (ww/									
	, .										
		3rd Planting (ww/	/mm) :	Qty:							
C3.51	Total crop loss due to weather, pests etc				ACRE						
					BIGHA						
							ļ				
		<u> </u>									
C3.51a	Which pests afflicted your Cumin and what										
	was the maximum area of infestation?										
			1: Yes 2: No				1				
	Sucking pests	1. Aphid	1 2	abg			1				
	<del></del> -	2. Thrips	1 2	abg	1						
		3. White fly	1 2	abg							
		4. Jassids	1 2	abg	]						
	Disease	5. Blight	1 2	abg							
		6. Powedery	1 2	abg	1						
L		7. Wilt		abg	1		1				
	Others				1		l				
63.6	Do you treat your call before alerting?		1 2		-		1				
C3.6	Do you treat your soil before planting?				→C3 0		1				
C3.7	How did you treat your soil Before		ic manure		/ (3.3		1				
C3.7	planting of Cumin?						i				
	(CIRCLE ALL THAT APPLY)										
	,			. 2							
				1 2			1				
		1: Yes 2: No	888								
			area of the kh or % or		='						
				1 2 → N							
C3.9	How many times did you irrigate your										
63.10	Cumin crop last Rabi?	1. Aphid									
C3.10	What was the cost per irrigation or		What was the maximum area of infestation during the kharif and Rabi? Area on the kharif and Rabi? Ar								
	total cost of irrigation for last Rabi?										
							i				
		•									
	INTERVIEWER READOUT: NOW, WE WILL AS			T YOUR							
	FARMING PRACTICES, FROM SEED TO FERTIL	IZED TO DESTICIDE	USAGE.								
		IZER TO FESTICIDE									
		JEER TO PESTICIDE					ł				
S3. Seed											
\$3. Seed	What was the most important factor in	Low Price									
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance		2							
	What was the most important factor in	Low Price Pest Resistance Safe Yield		2							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield	ements	2 3 4							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Require		2 3 4 5							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Require Water requireme	nts	2 3 4 5 6							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requiri Water requireme What farmer frier	nts	2 3 4 5 6							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer frier Availability	nts	2 3 4 5 6 7							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer frier Availability	nts	2 3 4 5 6 7							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requir. Water requireme What farmer frier Availability Soil fertility	nts nds use	2 3 4 5 6 7 8							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requir. Water requireme What farmer frier Availability Soil fertility	nts nds use	2 3 4 5 6 7 8							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (sp	nts nds use	2 3 4 5 6 7 8 9							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requir. Water requireme What farmer frier Availability Soil fertility	nts nds use	2 3 4 5 6 7 8 9							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (sp	nts nds use	2 3 4 5 6 7 8 9							
	What was the most important factor in determining which seed you used? (CIRCLE	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s) Other (specify)	nts nds use	2 3 4 5 6 7 8 9 10							
53.1	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s) Other (specify) Don't know	nts nds use	2 3 4 5 6 7 8 9 10							
	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s) Other (specify) Don't know YES	nts nds use	2 3 4 5 6 7 7 8 8 9 9 10							
53.1	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s) Other (specify) Don't know	nts nds use	2 3 4 5 6 7 7 8 8 9 9 10							
S3.1 S3.3	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?	Low Price Pest Resistance Safe Yield High Yield Few Input Requireme What farmer frier Availability Soil fertility General advice (s) Other (specify) Don't know YES NO	nts nds use	2 3 4 5 6 7 7 8 8 9 9 10							
S3.1 S3.3	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most	Low Price Pest Resistance Safe Yield High Yield Few Input Requireme What farmer frier Availability Soil fertility General advice (s) Other (specify) Don't know YES NO	nts nds use	2 3 4 5 6 7 7 8 8 9 9 10							
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer friel Availability Soil fertility General advice (s) Other (specify) Don't know YES NO FIRST SECOND	nts nds use	2 3 4 5 6 7 8 9 10 888 999 1							
S3.1 S3.3	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12? Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s) Other (specify) Don't know YES NO FIRST SECOND	nts nds use	2 3 4 5 6 7 8 9 10 888 9 12	→S3.5						
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s) On't know YES NO FIRST SECOND PURCHASE REUSE	nts nds use	2 3 4 5 6 7 8 9 9 10 888 999 1 2	→S3.5						
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12? Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s) Other (specify) Don't know YES NO FIRST SECOND	nts use	2 3 4 5 6 7 8 9 10 888 9 12 2	→S3.5						
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds last Kharif or reuse old seeds?	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s)  Don't know YES NO FIRST SECOND PURCHASE REUSE BOTH	pecify source)	2 3 3 4 4 5 6 6 7 7 8 8 9 10 10 8 8 8 8 9 9 9 9 1 1 2 2 1 2 2 3 3 rchase	→53.5 →53.7	Tabel	Verb		Used		
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds last Kharif or reuse old seeds?  Which seeds have you purchased and/or	Low Price Pest Resistance Safe Yield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s) On't know YES NO FIRST SECOND PURCHASE REUSE	nts nds use pecify source)  Pu Quantity	2 3 4 5 6 7 7 8 9 10 888 999 1 2 1 2 1 2 Un	→S3.5		Yes/No	[1]Hyhrid/R	Quantity		nit If narkets
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds last Kharif or reuse old seeds?	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s)  Don't know YES NO FIRST SECOND PURCHASE REUSE BOTH	pecify source)	2 3 3 4 4 5 5 6 6 7 7 8 8 9 10 10 8 8 8 8 9 1 1 2 2 1 2 2 3 3 rchase Un (1) Kg	→\$3.5  →\$3.7	Total cost (Rs.)	Yes/No	(1)Hybrid/B t (2) Desi		(1) Kg	if packets
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds last Kharif or reuse old seeds?  Which seeds have you purchased and/or used for wheat in last Kharif 2012?	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s)  Don't know YES NO FIRST SECOND PURCHASE REUSE BOTH	nts nds use pecify source)  Pu Quantity	2 3 4 5 6 7 7 8 9 10 888 999 1 2 1 2 1 2 Un	→S3.5		Yes/No	(1)Hybrid/B t (2) Desi	Quantity		if packets
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds last Kharif or reuse old seeds?  Which seeds have you purchased and/or used for wheat in last Kharif 2012?  1. Gujarat Cumin 1	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s)  Don't know YES NO FIRST SECOND PURCHASE REUSE BOTH	nts nds use pecify source)  Pu Quantity	2 3 3 4 4 5 5 6 6 7 7 8 8 9 10 10 8 8 8 8 9 1 1 2 2 1 2 2 3 3 rchase Un (1) Kg	→\$3.5  →\$3.7		Yes/No		Quantity	(1) Kg	if packets
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds last Kharif or reuse old seeds?  Which seeds have you purchased and/or used for wheat in last Kharif 2012?	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s)  Don't know YES NO FIRST SECOND PURCHASE REUSE BOTH	nts nds use pecify source)  Pu Quantity	2 3 3 4 4 5 5 6 6 7 7 8 8 9 10 10 8 8 8 8 9 1 1 2 2 1 2 2 3 3 rchase Un (1) Kg	→\$3.5  →\$3.7		Yes/No		Quantity	(1) Kg	if packets
\$3.1 \$3.3 \$3.4	What was the most important factor in determining which seed you used? (CIRCLE ONLY ONE)  Did you solicit or receive any advice on cumin seeds last Rabi 2011-12?  Who or what were the TWO most important sources? (USE SOURCE CODE- DO NOT PROMPT)  Did you purchase cumin seeds last Kharif or reuse old seeds?  Which seeds have you purchased and/or used for wheat in last Kharif 2012?  1. Gujarat Cumin 1 2. Gujarat Cumin 2	Low Price Pest Resistance Safe vield High Yield Few Input Requir Water requireme What farmer frier Availability Soil fertility General advice (s)  Don't know YES NO FIRST SECOND PURCHASE REUSE BOTH	nts nds use pecify source)  Pu Quantity	2 3 3 4 4 5 5 6 6 7 7 8 8 9 10 10 8 8 8 8 9 1 1 2 2 1 2 2 3 3 rchase Un (1) Kg	→\$3.5  →\$3.7		Yes/No		Quantity	(1) Kg	nit if packets then Size o

_								
	6. Western							
	888. Other, (specify)							Т
								П
S3.9	Did you treat your seeds before planting?	YES			1			_
		NO			2	→S3.11		
S3.10	How did you treat your seeds?	Option	Co	de	Specify			
	(INTERVIEWER NOTE: Find out exactly	A. FUNGICIDE	1	2				
	what names/brands respondent used.)	B. PESTICIDES	1	2				
		C. BIOLOGICA	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			
S3.12	What was the spacing between the rows?				CMS			
	(INTERVIEWER: Measure using a ruler.)				FT			
					INCHES			
		DON'T KNOW			999			

		DC	N'T KNOV	/					999		
F3. Fer	ilizore										_
	VE WILL ASK YOU QUESTIONS ABOUT YOUR FERTI	ILIZER U	SAGE IN TH	HE LAS	т мо	NTH.	Ren	nemb	er the	ese	
	ns only pertain to your cumin crop.										
F3.0	Did you solicit or receive any advice	YE	S						1		
	regarding fertilizer last Rabi?	NC					2		→F3.2		
F3.1	Who or what were the TWO most	FIF	RST								
	important sources? (USE SOURCE CODE- DO NOT PROMPT)		COND							4	
	(USE SOURCE CODE- DO NOT PROMPT)	SE	COND								
F3.2	Did you use fertilizers last Rabi with your	YES					1 1			→F3.4	
	cumin crop?	NO							2		
F3.3	Why did you not use fertilizer?		time in cr	op ph	ase		1		2	→ P3	
			pensive				1		2	→ P3	
		Not us					1		2	→ P3	
		Not av	perience	_			1		2	→ P3 → P3	
			now how				1		2	→ P3	
			(specify)					88	8	→ P3	
F3.7	Did you purchase fertilizers or reuse	PU	IRCHASE						1		
	from the previous year?		USE						2	→F3.10	
	MI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TH						3	0 1/0	6: 6
F3.8	Which chemical fertilizers did you purchase and use for your cumn crop? In what	YES = 1	chase?	Amo			Use	d? ount		Cost (Rs.	Size of bags in
	quanties?	NO = 2		2. kg		3.		ter;		Cost/uni	
	•	-			f bags		2. k	-		2. Tota	
				(Size	of ba	g in	3. N	lo. of	bags		
		+		kgs)	_		_	_			
	A. Urea	1	2	1.	2.	3.	1.	2.	3.	1. 2.	
	B. Ammonium Sulfate	+	2	1.	2.	3.	1.	2.	3.		
	C. DAP	1	2	1.	2.	3.	1.	2.	3.	1. 2	
	D. Murate of Potash (MoP)	1	2	1.	2.	3.	1.	2.	3.	1. 2	
	E. N-P-K grade fertilizers	1	2	1.	2.	3.	1.	2.	3.	1. 2	
	E1.	+		1.	2.	3.	1.	2.	3.	1. 2 1. 2	
	E2.	1	2	1.	2.	3. 3.	1.	2.	3.	1. 2 1. 2	
	F. Micronutrient Fertilizer	1	2			3.	_		_	_	
	F1. F2.	+		1. 1.	2.	3.	1. 1.	2.	3.	1. 2 1. 2	-
		+		1.	2.	3.	1.	۷.	3.	1. 2.	
	G. OTHER (specify) G1.	1	2	1.	2.	3.	1.	2.	3.	1. 2	
	G2.	1	2	1.	2.	3.	1.	2.	3.	1. 2	
F3.10	What were the labour costs for the	+	er of Applic								
	application of chemical fertilizer for cumin?		hold labou		J.						
	(INTERVIEWER: Remind the respondent	Housei	iloiu iabou	<u> </u>				1	Total I	Labour Days	
	to consider multiple applications.)	Hired L	abour								
								1	Total I	Labour Days	
							Daily wage				
								•		Labour Cost	
F3.11	Did you use any organic fertilizers on your cumin crop last Rabi?	Yes No							1 2		
F3.12	Which organic fertilizers did you purchase	Purcha	ise?	Amo	unt		Use	d?		Cost (Rs.	Size of
	and use for your cumin crop? In what	Yes = 1		1. Tr				rolle	y	1	trolley in
	quanties?	No =2		2. Ko	2.		2. k	.σς 2.		Cost/uni	kilos
	A. Manure /Compost/FYM  B. Biofertilizer	1	2	1.	2.		1.	2.		1. 2. 1. 2.	
	C. Vermicompost	1	2	1.	2.		1.	2.		1. 2.	
	D. Cake (Castor cake)	1	2	1.	2.		1.	2.		1. 2.	
	E. OTHER (specify)						Ξ				
	E1.	1	2	1.	2.		1.	2.		1. 2.	
	E2.	1	2	1.	2.		1.	2.		1. 2.	1
F3.13	What was the labour costs for the	Numh	er of annlic	ation	5:		l			1	
. 5.15	3.13 What was the labour costs for the Number of applications:  application of organic fertilizer for cumin? Household labour										
	(INTERVIEWER: Remind the respondent								Total I	Labour Days	
	to consider multiple applications.)	Hired L	abour				Ξ				
							_	1	Total I	Labour Days	
		-					_		Total	Daily wage	
		Tr:	actor/Bullo	ck			l		ıutal	Labour Cost	
		<u> </u>	,						т~	tal Cost	
		_					T	otal h		or vigha	1
							Ľ			rs/vigha	
							•				

P3. Pesti	icides and Diseases						
	NOW, WE WILL ASK YOU SIMILAR QUESTION	IS REGAR	DING YO	UR PESTICIDE US	AGE.		
P3.0	Did you solicit or receive any advice on	YES			1		
	pesticides during Rabi 2012-13 for cumin?	NO			2	→P3.2	
P3.1	Who or what were the TWO most	FIRS	iΤ				
	important sources of advice?						
	(USE SOURCE CODE- DO NOT PROMPT)	SEC	OND				
P3.2	Did you use any pesticides with your cumin?	YES			:	ı	
		NO				2 →P3.9	
II	NTERVIEWER CHECKPOINT: If the respondent di	d not use	any pes	ticides, only ask F	23.9 and P3.9t		
	-						
P3.9	Have you applied any bio-control methods	YES			1	4	
	to control pests or diseases last month?	NO			2	→P3.10	
			N'T KNO	<u> </u>	999		
P3.9t	What biological method have you used?	Used Ye	s/No	Quantity used	Unit	Total Cost	
	(CIRCLE ALL THAT APPLY)				1. Nos	(Rs)	bags in
					2. Kg		kilos
					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	of appli	cations:			
	application of pesticides and fungicides	Househo	old labou	r			
	last Kharif?			•	Tota	l labour days	
	(INTERVIEWER: Remind respondent	Hired La	bour				
	of multiple applications, and all potential				Tota	l labour days	
	pests and diseases.)					Daily wage	
					Tota	l labour cost	

P3.71	Which pest	ticides have	you purchased	d and/or used i	n last Rabi 20	12-13							
			Pu	rchase			Used			Purpose		Application	1
		Yes/No	Quantity	Unit				Unit	Did you	If it was a specific pest,	No. of	Area o	f Unit of area
				1. Lit 2. ml 3. Kg 4. gm			Total	1. Litre 2. ml 3. Kg 4.	purchase thi pesticide to tre		Applications	Application	<ol> <li>Acre</li> <li>Bigha</li> </ol>
				5. bags (Size in kgs)	Total cost	Yes/No	Quantity Used	gm 5. bags (Size in kgs)	:	1			3.Guntha
3. Monoc	rotophos	Υ	N			ΥN			1 2				
6. Phosph	namidon	Υ	N			ΥN			1 2				
7. Dimeth	oate	Υ	N			ΥN			1 2				
8. Imidach	hloprid	Υ	N			ΥN			1 2				
9. Acetam	naprid	Υ	N			ΥN			1 2				
10. Aceph	nat	Υ	N			ΥN			1 2				
13. Thiam	nethoxam	Υ	N			ΥN			1 2				
16. Mance	ozeb	Υ	N			ΥN			1 2				
17. Carbe	ndazim	Υ	N			ΥN			1 2				
20. Sulphi	ur	Υ	N			ΥN			1 2				
21. Other	1	Y	N			ΥN			1 2				
22. Other	2	Υ	N			ΥN			1 2				
23. Hexac	onazole	Y	N			ΥN			1 2				
24. Fipror	nil	Υ	N			ΥN			1 2				

Codes for Purpose

1	2	3	4	5	6	7	888	999
		Powdery						
Aphid	Blight	Mildew	Wilt	Thrips	White fly	Jassids	Other	Don't know

Section	ection N: Household Consumption								
	Category	value of consumption (Rs) during							
	<b>3</b> /	last 30 days	last year						
Food C	onsumption								
N1.1	cereals & cereal products (includes muri, chira, maida, suji, noodles, bread (bakery), barley, cereal substitutes, etc.); pulses & pulse products (includes soyabean, gram products, besan, sattu, etc.); edible oil and vanaspati; sugar (includes gur, candy (misri), honey, etc.); salt & spices and other food items (includes beverages such as tea, coffee, fruit juice and processed food such as biscuits, cake, pickles, sauce, cooked meals, dry chillies, curry powder, etc.)								
N1.2	milk and milk products (includes milk condensed/powder, baby food, ghee, butter, ice-cream, etc.)								
N1.3	vegetables, fruits & nuts (includes garlic, ginger, mango, banana, coconut, dates, kishmish, monacca, other dry fruits, etc.)								

		value of consump	tion (Rs) during
		last 30 days	last year
Enterta	ainment		
N2.1	pan & tobacco		
N2.2	Eating out (hotels, restaurants)		
N2.3	entertainment (includes cinema, picnic, sports, club fees, video cassettes, cable charges, etc.)		
N2.4	Social functions (marraiges, funerals, gifts, jewelry)		
N2.5	Mobile phone costs (phone, recharge, etc.)		
N10	TOTAL		

# **KP. Pesticide Knowledge and Perception**

KP1.1	Does Monocrotophos leave "lushness" (kunap) on leaves?	1	2
KP1.2	Do pesticides other than mono leave lushness (kunap) on leaves?	1	2
KP1.3	Do you always mix two or more pesticides together?	1	2
KP1.4	Can pesticides help cotton grow even when there is no pest infestation all season?	1	2
KP1.5	In general, do shinier leaves mean that the plant is healthier?	1	2
KP1.6	Sometimes, pesticide leaves immediate shine on leaves. Does this mean that the cotton is healthier?	1	2
KP1.7	Even if pesticide kunap had no benefit to growth other than making the leaves shiny, would you still like to apply it on cotton?	1	2
KP1.8	Is Monocrotophos effective against Bt cotton pests in the first 20 days of sowing cotton?	1	2
KP1.9	Is Monocrotophos effective against Bt cotton pests after first 20 days of sowing Bt cotton?	1	2
KP1.10	Based on UID, pick group respondent is in (C or D) here:	and re	ecord
<b>C</b> (KP1.10, KP1.11)	Suppose you spray a pesticide other than mono on a bigha of cotton plot and sufficiently control for pests all season. Under usual weather conditions and prices, what would be your expected yield from this cotton plot (in man), if you applied Monocrotophos?  Suppose you spray a pesticide other than mono on a bigha of cotton plot and sufficiently control for pests all season. Under usual weather conditions and prices, what would be your expected yield from this cotton plot (in man), if you did not apply any pesticide?		
<b>D</b> (KP1.11, KP1.10)	Suppose you spray a pesticide other than mono on a bigha of cotton plot and sufficiently control for pests all season. Under usual weather conditions and prices, what would be your expected yield from this cotton plot (in man), if you did not apply any pesticide?  Suppose you spray a pesticide other than mono on a bigha of cotton plot and sufficiently control for pests all season. Under usual weather conditions and prices, what would be your expected yield from this cotton plot (in man), if you applied Monocrotophos?		

VD2 1 Have you grown vogetables in the last Vharif?
-----------------------------------------------------

IXF Z.1	mave you grown vegetables in the last Kharn:	2	->KP3.1
KP2.2	What is the area of the vegetables planted this last Kharif?		
KP2.3	Units for area: 1 acre 2 bigha 3 guntha	1 2 3	
KP2.4	Did you use pesticides for vegetables?	2	->KP2.8
KP2.5	Did you use monocrotophos for vegetables?	2	->KP2.8
KP2.6	How much monocrotophos did you use for vegetables?		
KP2.7	Unit. 1. L 2. ml 3. Kg 4. gm	1 2 3 4	
KP2.8	How would you rate how well suited your soil type is for growing vegetables, 1 being of very badly suited, 5 being very well suited?	12345	
KP2.9	How would you rate how well watered your soil is for growing vegetables in general, 1 being of very badly suited, 5 being very well suited?	12345	
KP2.10	What is the soil type for your vegetable plot?		

# Note: This section asks about guar gum seeds from the last Kharif seaso

KP3.1	Have you grown guar gum in the last Wharif saggar?	1	
KF3.1	Have you grown guar gum in the last Kharif season?	2	-> go to IH
KP3.2	What is the area of guar gum seeds planted?		
KP3.3	Units: 1. L 2. ml 3. Kg 4. gm	1 2 3	
KP3.4	Total quantity of guar gum seeds harvested last		
	Kharif season?		
KP3.5	Units: 1 - kg 2 - maund	1 2	
KP3.6	How much did you receive for the guar gum seeds?	Rs.	
VD2 7	Did you use nesticides for such sum?	1	
KP3.7	Did you use pesticides for guar gum?	2	->KP3.9
KP3.8	Did you use monocrotophos for guar gum?	1	
Kr 3.0	Did you use monocrotophos for guar guin:	2	->KP3.9
KP3.9	How much monocrotophos did you use for guar gum?		
KP3.10	Units: 1. L 2. ml 3. Kg 4. gm	1 2 3 4	
	How would you rate how well suited your soil type is		
KP3.11	for growing guar gum seeds, 1 being of very badly		
	suited, 5 being very well suited?	12345	
	How would you rate how well watered your plot is		
KP3.12	for growing guar gum seeds, 1 being of very badly		
3.12	suited, 5 being very well suited?	12345	
KP3.13	What is the soil type for your guar plot?		

## IH: Land Ownership & Inheritances Section

B1.1	How much land do you own in total (this	Area	Unit	
D1.1	includes agricultural land as well as all other		a b g	
B1.2	Do you proceetly own any sultivable land?	1		
D1.2	Do you presently own any cultivable land?	2		> SKIP to IH1
B1.2a	If yes, then how many plots and what is the	No of plots	Area	Unit
	area?			a b g
IH1	Did your father or does your father own any	1		
IIII	cultivable land?	2		> END SECTION
IH2	Did inh suit sure land from	1		> SKIP to IH4
ПΖ	Did you inherit any land from your father?	2		
	Did your father inherit any land from your	1		
IH3	grandfather?	2		> SKIP to IH12

	Ask about FATHER if IH2 is YES	(1); Ask about GRANDFATHER is IH3 is YES(1)
IH4	Father's Name or Grandfather's Name	
IH5	What was your father's or grandfather's occupation? (Primary source of income)	Record Code [ ] , 888, 999
IH6	How many years of education did your father or grandfather complete?	Record Code [ ] , 888, 999
IH7	How much land did your father or grandfather own prior to it being split up for inheritance?	a b g, 888, 999
IH8	How much land did you inherit from your father or grandfather?	a b g, 888, 999
IH9	How old were you or your father when you inherited this land?	Record Age [ ], 888, 999
	What was the reason for inheritance? Death of	Death of father/grandfather 1
	father or grandfather, marriage, old age of	Marriage 2
IH10	father or grandfather?	Old age of father 3
	- Control of the cont	Other (Specify) 888
		Don't know 999

Interviewer Checkpoint: Ask questions about all siblings of the household head both male and female in order of birth (oldest sibling to youngest). If deceased prior to collecting inheritance, skip E-I

IH11	Detail of household respondent's or father's siblings								
TBIRTH Orde	Name of sibling or father's sibling (listed from first born to last born) [A]	Sex	Deceased prior to collecting inheritance? [C]	record current	Land Inherited (Acre/Vigha) [E]	Non-Land Assets Inherited	Land Now (Acre/Vigha ) [G]	Occupation ** [H]	Phone Number [I]
1st born			Y N						
2nd born			Y N						
3rd born			Y N						
4th born			Y N						
5th born			Y N			•			
6th born			Y N						

7th born			Υ	N					
8th born			Υ	N					
9th born			Υ	N					
10th born			Υ	N					
* Farmer-0	Own Cultivatiojn (F) Agricultural Laborer (L), Business	s (B)	, Non-Far	m Labo	r (NF), Migrant (M	, Other (Specify(		_	
	If siblings inherited different amounts of land, what								
IH11.1	was the reason?								
	(Record verbatim answer)								
Inheritano	e Practices	•							
	Roth brothers and sisters get equal share 1						1	1	

Inheritance Practices						
		Both brothers and sisters get equal share	1			
		Land is divided equally among brothers,	2			
		sisters do not receive land				
	What is your understanding of how land is	Older brother gets more	3			
IH12	divided among family when the father passes away? (If respondent has not inherited himself,	Mother inherits the land	4			
	then ask in general)	No standard rule, depends on circumstan	5			
		Do not know	999			
		Will not say	777			
		Other(Specify)	888			
	Did everyone inherit similar quality land or did some receive better quality than others? (If respondent has not inherited himself, then ask in general)	Similar	1			
		Different	2			
IH13		Do not know	999			
		Will not say	777			
		Other(Specify)	888			
		Yes	1			
	If one brother is more educated or has a better job, will he inherited less land than other	No	2			
IH14	brothers? (If respondent has not inherited	Do not know	999			
	himself, then ask in general)	Will not say	777			
	ge, aren ask in general)	Other(Specify)	888			
		Jewellery	1			
	Other than land, what was the most valuable asset that was split up for your inheritance? (If	Cattle	2			
IH15	respondent has not inherited himself, then ask	House	999			
71123	in general)	Cars / Trucks	777			
	8,	Other(Specify)	888			

		Туре	Amount		Unit	
G	Government scheme		а	b	g	
	IH16 What are the ways in which you acquired land?	Inheritance		а	b	g
IH16		New Purchase		а	b	g
		Gift		а	b	g
		Through marriage		а	b	g
		Other (Specify)		а	b	g

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

I,, CERTIFY THAT I HAVE RECEIVED A TOP-UP OF 50 RS. FOR PARTICIPATING IN THE AGRICULTURAL INFORMATION SURVEY WITH CMF-DSC-SAJJATA SANGH.
DATE:
INTERVIEWER NOTE: RECORD THE TOP-UP SERIAL NUMBER:

THANK THE FARMER FOR HIS TIME AND PARTICIPATION.

## Plot Status Key

- 1 own plot, cultivated by self
- 2 own plot, cultivated with other
- 3 own plot, rented out
- 4 own plot, pawned, cultivated by self
- 5 own plot, pawned, cultivated by other
- 6 Plot rented in
- 7 Plot sharecropped
- 8 Plot pawned in, cultivated by self
- 9 Plot pawned in, cultivated by other
- 10 Own plot fallow
- 11 Plot rented in/pawned in but kept fallow
- 12 Returned back to the landlord
- 888 Other (specify)
- 999 Don't know

A0.7 CODE	
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

OTHER (SPECIFY)	888
SOURCE CODE	
Past experience	1
TV program	2
Doordarshan/ Krushi Darshan/	2a
ETV/VTV	2b
Advertisements	2c
Cell phone based information	3
Avaaj Otalo	3a
Newspaper / magazines	4
Divya Bhaskar Sandesh	4a
Gujarat Sandesh	4b
Krushi Jivan	4c
Government Extension Worker	5
NGO	6
Agakhan	6a
Krushi Vikas Rath	6b
Other farmers	7
Agro Shop	8
Trader/Commission Agent	9
Radio (also include Gam no Choro)	10
Krushi Mela	11
	+

Others

Don't Know

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

	PESTICIDE CODE						
Technical	Code	Brand Names					
Endosulphan	1	Thiodan, Endocel, Devi Sulphan, Endovip, Camando, Endostar, Tufan, Endo					
Quinalphos	2	Ikalux, Quinal, flesh, Smesh, Shakti, Sukvin, Quingaurd, Chemilux, Qufos					
Monocrotophos	3	Nuvacron, Balvan, Hilkon, Mono, Monofos, Sufos, Foskil, Croton, Paver, Bilfos					
Cypermethrin	4	mbush, Cyperkill, Cyper, Ustad, lacer, Trophy, Kolt, Ripcord, Bullet					
Chlorpyriphos	5	Darsban, Koroban, Ruban, Trishul, Radar, Suban, Katar, Classic, Kaman					
Phosphamidon	6	Dimecron, Sumidon, Agromidon, Umecron, Sildan, Fosful					
Dimethoate	7	Roger, Tagor, Tara-909, Saygo, Agromet, Devigor, Topogar					
Imidachloprid	8	Confidor, Jumbo, TataMida, Imidagold, Medea, Josh, Imida, Sumida, Imitex					
Acetamaprid	9	Pride, Ekka, Polar, Tata Manik, Reward, Pashion, Takil, Airbon					
Acephat	10	Temron, Megastar, Target, Delthen, Dhanraj, Taskar					
Dicofol	11	Kalthan, Fetal, Hexakel, Devikol					
Bumflower	12	Bumflower, Flowergold					

888 999

Thiamethoxam	13	Ektara, Kruzer, Reva, Renova, Spora
Profenofos	Profenofos 14 Kurakron, Karina, Kemkron, Provon, Solzer, Profos	
Fenvalrate	15	Sumisidin, Fyter, Fenval, Fen, Golfen, Perifen, Lukon-20
Mancozeb	16	Dithan, Dithan-45, Menco, Dhanukem-45, Menco-75, Hilthem, Devizeb, Zebra
Carbendazim	17	Bavistin, Bengaurd, karbon, Hitastin, Benfil, Erest, Subiz, Derosal
Planofix	18	Planofix, Super fix, NAA
Triazophos	19	Hostathion, Ghatak, Visma, Kranti, Trizo, Tryfos
Other (Specify)	888	

Fertilizer Code				
Name of Fertilizer	Code	Other Names		
Urea	Α	Nitrogen, Sardar Urea		
Ammonium Sulfate	В	Ammonia, Sulphate		
DAP	С	Sardar Phos, Narmada Phos		
Murate of Potash (MoP)	D	Potash, Pottassium Fertilizer		
N-P-K grade Fertilizer	E	12-32-16, 19-19-19, 13-0-45, 20-20-20		
Micronutrient Fertilizer	F	Zink, Magnesium, Micromix, Borex, HighZink, Boron		
Other (Specify)	888			

Seed Code - Cotton			
Brand Name		Code	
Vikram		1	
Rasi	2		
Ajit		3	
Navbharat		4	
Tulsi		5	
Ankur		6	
Nath		7	
Prabhat		8	
Ganga kaveri		9	
Nuzeevidu		10	
Other (Specify)		888	

Seed Code - Wheat		
Brand Name	Code	
GW 496	W1	
GW 322	W2	
GW 173	W3	
GW 273	W4	
Lok 1	W5	
Other (Specify)	888	

Seed Code - Cumin		
Brand Name		
Gujarat Cumin 1		
Gujarat Cumin 2		
Gujarat Cumin 3		
Gujarat Cumin 4		
Rajasthen Cumin 2		
Other (Specify)		